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Canada      Statistics Bureau

Transcontinental and regional air carrier operations  
1968-69





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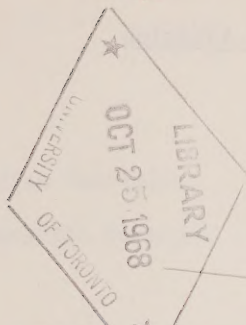
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JANUARY 1968

*transcontinental and regional  
air carrier operations*

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

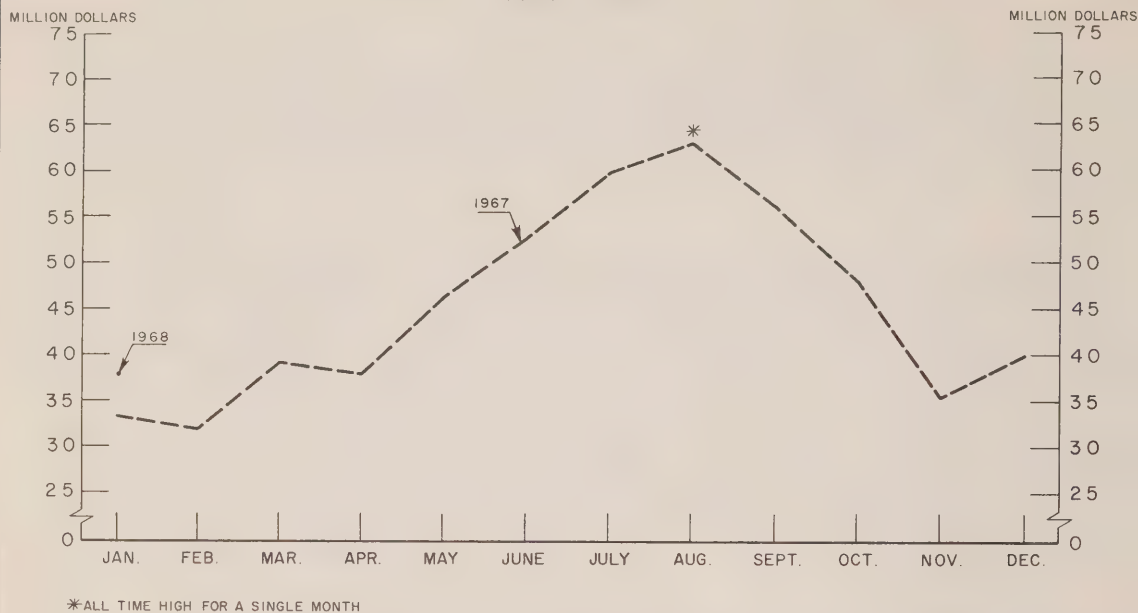
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

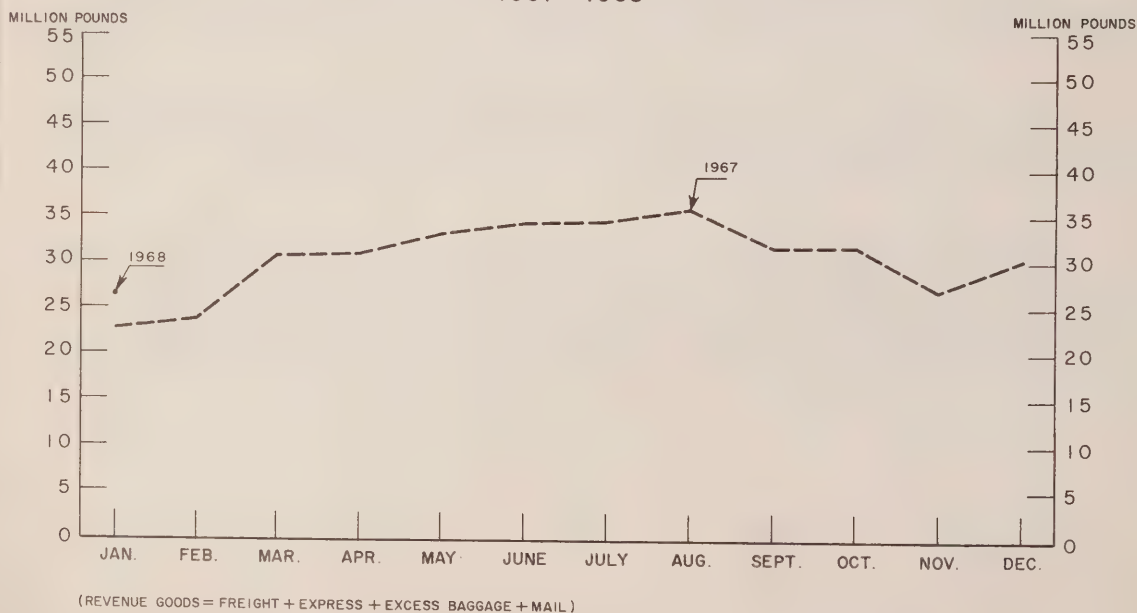
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



## REVIEW OF JANUARY OPERATIONS

(January 1967 figures in brackets)

In January, increases in the operations of Canadian carriers over the previous January followed the pattern typical of most of 1967. Number of revenue passengers carried was up 9.3 per cent to 636,348 (582,204) while weight of goods carried showed an increase of 16.8 per cent to 13,261 (11,357) tons. Revenue miles flown was 14.8 per cent higher at 12,070,237 (10,517,582). Transportation services showed increases of 17.2 per cent in revenue passenger-miles, to 531,718,329 (453,578,172), and of 27.9 per cent in revenue goods ton-miles, to 14,212,442 (11,111,507).

Operating revenues reported were up 14.2 per cent to \$37,919,178 (\$33,200,411) while operating expenses increased 17.6 per cent to \$43,264,921 (\$36,782,406). The resultant operating deficit was \$5,345,743 (\$3,581,995) and the net deficit after taxes was \$6,475,383 (\$4,501,397).

The twenty (15) carriers operating helicopters exclusively flew 3,439 (2,725) revenue hours using 250 (190) helicopters. They reported operating revenues of \$529,066 (\$321,438) and expenses of \$981,222 (\$669,854). Ten (11) carriers operating helicopters as well as fixed-wing aircraft reported 329 (256) revenue hours flown with 47 (56) helicopters.

During January, the six scheduled carriers transported 598,462 (546,010) revenue passengers, or 94.0 (93.8) per cent of the Canadian carriers' total. Carriage of 10,241 (8,328) tons of revenue goods was reported this amounted to 77.2 (73.3) per cent of the total weight of goods carried by all Canadian carriers.

On international unit toll services in January, Canadian carriers transported 175,963 (157,808) passengers and reported 251,052,537 (202,468,133) passenger-miles. This represented 33.1 (28.6) per cent of total passengers, and 50.1 (45.5) per cent of total passenger-miles reported for all Canadian carriers' unit toll services. By area of service the proportional breakdown of international passenger-miles is shown in the table below:

<u>Area</u>	<u>Percentage</u>
Transborder .....	16.5
Trans-Atlantic and Polar .....	29.1
Southern .....	37.6
Pacific and Orient .....	16.8
Total .....	100.0

Foreign carriers licensed to operated scheduled services in Canada transported 163,264 (127,363) revenue passengers and 2,736 (2,152) tons of revenue goods into and out of Canada, showing increases of 28.2 per cent and 27.2 per cent respectively over January 1967.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

January 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Scheduled carriers Group I and II(1)	Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	29	85	114	120	11	11	142	
Revenue transportation services:									
Unit toll:									
Departures .....	22,367	2,279	2,415	4,694	27,061	..	..	..	
Hours flown .....	32,528	2,334	1,544	3,878	36,406	535	1,312	38,253	
Miles scheduled .....	9,804,376	...	...	...	9,804,376	199,964	538,937	10,543,277	
Miles flown:(4)									
Scheduled .....	9,735,324	...	...	...	9,735,324	184,064	539,714	10,459,102	
Non-scheduled .....	153,655	301,736	216,321	518,057	671,712	-	-	671,712	
Totals .....	9,888,979	301,736	216,321	518,057	10,407,036	184,064	539,714	11,130,814	
Passengers carried .....	592,904	7,210	4,595	11,805	604,709	137,171	24,720	766,600	
Goods carried:									
Cargo .....	14,860,444	568,250	186,529	754,779	15,615,223	2,057,609	2,873,547	20,716,986	
Excess baggage(5) .....	136,128	27,762	6,717	34,479	170,607	..	..	170,607	
Mail .....	4,329,057	256,992	94,679	351,671	4,680,728	301,045	215,897	5,197,670	
Totals .....	19,325,629	853,004	287,925	1,140,929	20,466,558	2,358,654	3,089,444	25,914,656	
Passenger-miles .....	516,968,355	1,329,148	703,100	2,032,248	519,000,603	5,941,210	19,724,349	544,666,162	
Goods ton-miles:									
Cargo .....	10,606,504	155,564	21,567	177,131	10,783,635	..	..	10,783,635	
Excess baggage(5) .....	66,148	5,094	711	5,805	71,953	54,550	1,722,484	12,632,622	
Mail .....	2,348,247	55,397	8,109	63,506	2,411,753	6,803	154,195	2,572,751	
Totals .....	13,020,899	216,955	30,387	246,442	13,267,341	61,353	1,876,679	15,205,373	
Bulk:									
Departures .....	820	5,101	7,977	13,078	13,898	..	..	..	
Hours flown .....	1,355	6,984	7,103	14,087	15,442	1	15	15,458	
Miles flown .....	219,870	635,281	808,050	1,443,331	1,663,201	200	6,864	1,670,265	
Passengers carried .....	5,558	12,722	13,359	26,081	31,639	40	1,333	33,012	
Freight carried .....	1,156,646	2,785,081	2,112,981	4,898,062	6,054,708	-	24,654	6,079,362	
Passenger-miles(6) .....	5,106,117	7,361,101	250,508	7,611,609	12,717,726	..	..	..	
Goods ton-miles(6) .....	623,131	298,428	23,542	321,970	945,101	..	..	..	
Revenue non-transportation services:									
Specialty flying - Hours flown "	105	4,290	7,296	11,586	11,691	-	-	11,691	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

January 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	23,187	7,380	10,392	17,772	40,959	..	..	..	..	..
Hours flown .....	33,988	13,608	15,943	29,551	63,539	..	..	1,327	65,402	..
Miles flown .....	10,108,849	937,017	1,024,371	1,961,388	12,070,237	184,264	137,211	546,578	12,801,079	..
Passengers carried .....	598,462	19,932	17,954	37,886	636,348	2,057,609	2,898,201	26,053	799,612	..
Cargo carried .....	16,017,090	3,353,331	2,299,510	5,652,841	21,840,538(8)	2,037,609	2,338,654	2,898,201	26,796,348	..
Goods carried .....	20,482,275	3,638,085	2,400,906	6,038,991	26,521,266	2,338,654	3,114,098	3,114,098	31,994,018	..
Passenger-miles(6) .....	522,074,472	8,690,249	953,608	9,643,857	531,718,329	..	..	..	..	..
Goods ton-miles(6) .....	13,644,030	514,483	53,929	568,412	14,212,442	..	..	..	..	..
Non-revenue:										
Hours flown .....	1,500	1,095	725	1,820	3,320	5	2	..	3,327	..
Passengers carried .....	3,216	125	55	3,396	3,596	2,383	732	..	6,511	..
Goods carried .....	295,101	36,480	6,801	43,281	338,382	35,899	81,659	..	455,940	..
Passenger-miles .....	26,218,144	32,946	9,707	42,653	26,260,797	102,302	520,167	..	26,883,266	..
Goods ton-miles .....	755,948	8,862	423	9,285	765,233	971	59,365	..	825,569	..
Fuel and oil consumed:										
Turbo fuel - Quantity .....	26,344,394	173,017	61,780	234,797	26,579,191	1,314,827	3,389,879	..	31,283,897	..
Cost .....	3,593,608	37,650	19,618	57,268	3,651,076	246,697	455,117	..	4,352,890	..
Gasoline - Quantity .....	1,144,126	453,213	244,155	697,368	1,841,494	-	-	..	1,841,494	..
Cost .....	365,307	201,129	109,192	310,321	675,628	-	-	..	675,628	..
Turbo oil - Quantity .....	5,437	58	15	73	5,510	263	96	..	5,869	..
Cost .....	45,557	572	182	754	46,311	1,577	848	..	48,736	..
Other oil - Quantity .....	13,907	7,615	4,523	12,138	26,045	-	-	..	26,045	..
Cost .....	14,926	11,168	9,342	20,510	35,436	-	-	..	35,436	..
Average number of employees:										
Pilots and co-pilots .....	1,742	498	443	941	2,683	..	..	..	..	..
Other flight personnel .....	1,952	51	32	83	2,035	..	..	..	..	..
General management .....	411	183	153	336	747	..	..	..	..	..
Maintenance labour .....	4,705	541	414	955	5,660	..	..	..	..	..
Aircraft & traffic servicing .....	7,547	172	77	249	7,796	..	..	..	..	..
Other personnel .....	5,898	292	278	570	6,468	..	..	..	..	..
Totals .....	22,255	1,737	1,397	3,134	25,389	633	781	..	26,803	..
Salaries and wages paid:										
Pilots and co-pilots .....	2,152,492	345,108	264,734	609,842	2,762,334	..	..	..	..	..
Other flight personnel .....	1,036,984	24,996	16,298	41,294	1,078,278	..	..	..	..	..
General management .....	450,984	146,724	104,372	251,096	702,080	..	..	..	..	..
Maintenance labour .....	3,184,106	290,246	195,187	485,433	3,669,539	..	..	..	..	..
Aircraft & traffic servicing .....	4,333,860	61,111	30,533	91,644	4,425,504	..	..	..	..	..
Other personnel .....	3,771,079	110,028	116,873	226,901	3,997,980	..	..	..	..	..
Totals .....	14,929,505	978,213	727,997	1,706,210	16,635,715	372,824	493,411	..	17,501,950	..

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
January 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
							dollars	
Operating revenues:								
Unit toll transportation:								
Passengers .....	27,689,562	1,443,673	29,133,235	188,738	93,103	281,841	29,415,076	
Express .....	513,365	34,256	547,621	3,734	3,170	6,904	554,525	
Freight .....	2,127,263	182,760	2,310,023	118,375	19,247	137,622	2,447,645	
Excess baggage .....	164,377	21,818	186,195	5,664	1,296	6,960	193,155	
Mail .....	1,681,196	167,889	1,849,085	88,540	22,448	110,988	1,960,073	
Total unit toll transportation ..	32,175,763	1,850,396	34,026,159	405,051	139,264	544,315	34,570,474	
Bulk transportation .....	23,829	475,413	499,242	1,082,750	669,909	1,752,659	2,251,901	
Total transportation .....	32,199,592	2,325,809	34,525,401	1,487,801	809,173	2,296,974	36,822,375	
Other flying services .....	1,322	28,061	29,383	199,983	204,196	404,179	433,562	
Total flying services .....	32,200,914	2,353,870	34,554,784	1,687,784	1,013,369	2,701,153	37,255,937	
Non-flying services .....	407,614	54,012	461,626	95,203	106,412	201,615	663,247	
Total operating revenues .....	32,608,528	2,407,882	35,016,410	1,782,987	1,119,781	2,902,768	37,919,178	
Operating expenses:								
Flying operations .....	8,914,601	848,668	9,763,269	1,106,657	648,144	1,754,801	11,518,070	
Maintenance .....	7,057,735	801,724	7,859,459	819,069	386,549	1,205,618	9,065,077	
General services and administration:								
Passenger service .....	3,626,419	118,257	3,744,676	..	..	..	..	
Aircraft and traffic servicing ..	5,633,863	335,113	5,968,976	..	..	..	..	
Promotion and sales .....	5,761,313	255,124	6,016,437	..	..	..	..	
General administration .....	1,597,104	212,893	1,809,997	..	..	..	..	
Totals .....	16,618,699	921,387	17,540,086	589,389	310,215	899,604	18,439,690	
Depreciation and amortization ..	3,541,519	231,888	3,773,407	268,163	200,714	468,877	4,242,084	
Total operating expenses .....	36,132,554	2,803,467	38,936,021	2,783,278	1,545,622	4,328,900	43,264,921	
Operating income (loss) .....	Dr. 3,524,026	Dr. 395,585	Dr. 3,919,611	Dr. 1,000,291	Dr. 425,841	Dr. 1,426,132	Dr. 5,345,743	
Non-operating income - Net:								
Capital gains and losses .....	-	15,804	15,804	24,558	-	24,558	40,362	
Interest and discounts .....	512,144	13,039	525,183	13,589	663	14,252	539,435	
Miscellaneous non-operating income ..	24,531	596	25,127	100,559	2,772	103,331	79,396	
Income before interest expense .....	Dr. 3,036,413	Dr. 366,146	Dr. 3,402,559	Dr. 861,585	Dr. 422,406	Dr. 1,283,991	Dr. 4,686,550	
Interest expense .....	1,542,222	145,522	1,687,744	81,699	53,350	135,049	1,822,793	
Income before income taxes .....	Dr. 4,578,635	Dr. 511,668	Dr. 5,090,303	Dr. 943,284	Dr. 475,756	Dr. 1,419,040	Dr. 6,509,343	
Provision for income taxes .....	-	-	-	Cr. 38,247	4,287	Cr. 33,960	Cr. 33,960	
Net income after income taxes .....	Dr. 4,578,635	Dr. 511,668	Dr. 5,090,303	Dr. 905,037	Dr. 480,043	Dr. 1,385,080	Dr. 6,475,383	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

January 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	21,855,391	5,834,171	221,874	628,337	361,506	231,956	29,133,235	29,133,235
Express .....	475,271	38,094	5,530	20,419	-	8,307	547,621	547,621
Freight .....	1,649,219	478,044	50,113	66,626	45,440	20,581	2,310,023	2,310,023
Excess baggage .....	115,971	48,406	4,238	10,927	5,876	777	186,195	186,195
Mail .....	1,135,714	545,482	67,980	56,475	18,583	24,851	1,849,085	1,849,085
Total unit toll transportation ..	25,231,566	6,944,197	349,735	782,784	431,405	286,472	34,026,159	34,026,159
Bulk transportation .....	21,089	2,740	108,161	240,471	861	125,920	499,242	499,242
Total transportation .....	25,252,655	6,946,937	457,896	1,023,255	432,266	412,392	34,525,401	34,525,401
Other flying services .....	1,322	-	28,061	-	-	-	29,383	29,383
Total flying services .....	25,253,977	6,946,937	485,957	1,023,255	432,266	412,392	34,554,784	34,554,784
Non-flying services .....	293,983	113,631	16,100	-	2,798	35,114	461,626	461,626
Total operating revenues .....	25,547,960	7,060,568	502,057	1,023,255	435,064	447,506	35,016,410	35,016,410
Operating expenses:								
Flying operations .....	6,041,556	2,873,045	161,861	373,055	168,151	145,601	9,763,269	9,763,269
Maintenance .....	5,945,541	1,112,194	187,315	307,118	148,977	158,314	7,859,459	7,859,459
General services and administration:								
Passenger service .....	2,826,353	800,066	21,879	59,145	18,052	19,181	3,744,676	3,744,676
Aircraft and traffic servicing .....	4,653,471	980,392	97,632	169,775	38,847	28,859	5,968,976	5,968,976
Promotion and sales .....	4,172,537	1,588,776	12,797	114,410	79,175	48,742	6,016,437	6,016,437
General administration .....	1,270,475	326,629	36,329	93,599	50,090	32,875	1,809,997	1,809,997
Totals .....	12,922,836	3,695,863	168,637	436,929	186,164	129,657	17,540,086	17,540,086
Depreciation and amortization .....	3,382,901	158,618	55,602	148,712	6,645	20,729	3,773,207	3,773,207
Total operating expenses .....	28,292,834	7,839,720	573,415	1,265,814	509,937	454,301	38,936,021	38,936,021
Operating income (loss) .....	Dr. 2,744,874	Dr. 779,152	Dr. 71,358	Dr. 242,559	Dr. 74,873	Dr. 6,795	Dr. 3,919,611	Dr. 3,919,611
Non-operating income - Net:								
Capital gains and losses .....	-	-	14,375	1,619	-	190	15,804	15,804
Interest and discounts .....	422,227	89,917	155	12,884	-	-	525,183	525,183
Miscellaneous non-operating income ..	Dr. 22,977	Dr. 1,554	-	2,479	Dr. 1,392	Dr. 491	Dr. 23,935	Dr. 23,935
Income before interest expense .....	Dr. 2,345,624	Dr. 690,789	Dr. 56,828	Dr. 225,577	Dr. 76,265	Dr. 7,476	Dr. 3,402,559	Dr. 3,402,559
Interest expense .....	1,337,222	205,000	38,380	83,865	19,550	3,727	1,687,744	1,687,744
Income before income taxes .....	Dr. 3,682,846	Dr. 895,789	Dr. 95,208	Dr. 309,442	Dr. 95,815	Dr. 11,203	Dr. 5,090,303	Dr. 5,090,303
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 3,682,846	Dr. 895,789	Dr. 95,208	Dr. 309,442	Dr. 95,815	Dr. 11,203	Dr. 5,090,303	Dr. 5,090,303

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

January 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	15,162	2,154	17,316	1,102	1,525	1,662	762	5,051	22,367
Hours flown .....	22,832	4,763	27,595	1,129	1,569	1,335	900	4,933	32,528
Miles scheduled .....	7,378,521	1,777,771	9,156,292	64,249	278,013	192,018	113,804	648,084	9,804,376
Miles flown:									
Scheduled - Regular .....	7,013,715	1,763,490	8,777,205	61,332	273,947	177,950	107,695	620,924	9,398,129
Extra sections .....	274,024	21,735	295,759	18,061	6,702	8,367	8,106	41,436	337,195
Non-scheduled .....	-	-	-	86,524	17,610	23,210	25,311	153,655	153,655
Totals .....	7,287,739	1,785,225	9,072,964	165,917	298,259	210,727	141,112	816,015	9,888,979
Ratio of regular miles flown to miles scheduled .....	95.1	99.2	95.9	95.5	98.5	92.7	94.6	95.8	95.9
Passengers carried .....	463,836	68,310	532,146	7,912	28,363	15,794	8,689	60,758	592,904
Goods carried:									
Freight .....	10,576,355	1,344,799	11,921,154	654,539	491,702	207,036	125,269	1,478,546	13,399,700
Express .....	1,218,533	122,059	1,340,592	16,447	77,777	-	25,928	120,152	1,460,744
Excess baggage .....	-	23,780	23,780	16,608	56,434	34,085	5,211	112,348	136,128
Mail .....	3,341,439	374,871	3,716,310	256,740	188,300	99,397	68,310	612,747	4,329,057
Totals .....	15,136,327	1,865,509	17,001,836	944,334	814,213	340,518	224,728	2,323,793	19,325,629
Passenger-miles:									
Scheduled .....	388,169,564	112,536,537	500,706,101	1,643,202	6,994,551	3,716,377	2,695,780	15,049,910	515,756,011
Non-scheduled .....	-	-	-	652,346	62,440	335,091	162,467	1,212,344	1,212,344
Totals .....	388,169,564	112,536,537	500,706,101	2,295,548	7,056,991	4,051,468	2,858,247	16,262,254	516,968,355
Available seat-miles on scheduled services .....	718,308,193	222,162,262	940,470,455	2,932,683	16,311,837	6,385,072	6,309,857	31,939,449	972,409,904
Passenger load factor on scheduled services .....	54.0	50.7	53.2	56.0	42.9	58.2	42.7	47.1	53.0
Goods ton-miles:									
Freight - Scheduled .....	7,579,446	2,054,530	9,633,976	55,640	154,183	36,404	25,700	271,927	9,905,903
Non-scheduled .....	-	-	-	102,539	665	6,479	3,909	113,592	113,592
Totals .....	7,579,446	2,054,530	9,633,976	158,179	154,848	42,883	29,609	385,519	10,019,495
Express - Scheduled .....	511,045	47,163	558,208	1,951	21,216	-	4,433	27,600	585,808
Non-scheduled .....	-	-	-	686	-	-	515	1,201	1,201
Totals .....	511,045	47,163	558,208	2,637	21,216	-	4,948	28,801	587,009

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

January 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	..	44,828	44,828	3,555	10,062	4,841	1,038	19,496	64,324
Non-scheduled ..	..	-	-	631	133	1,043	17	1,824	1,824
Totals .....	..	44,828	44,828	4,186	10,195	5,884	1,055	21,320	66,148
Mail - Scheduled .....	1,786,624	439,118	2,225,742	30,773	59,186	5,989	7,783	103,731	2,329,473
Non-scheduled ..	-	-	-	11,049	122	3,008	4,595	18,774	18,774
Totals .....	1,786,624	439,118	2,225,742	41,822	59,308	8,997	12,378	122,505	2,348,247
Total - Scheduled .....	9,877,115	2,585,639	12,462,754	91,919	244,647	47,234	38,954	422,754	12,885,508
Non-scheduled ..	-	-	-	114,905	920	10,530	9,036	135,391	135,391
Totals .....	9,877,115	2,585,639	12,462,754	206,824	245,567	57,764	47,990	558,145	13,020,899
Available ton-miles on scheduled services .....	109,505,118	33,028,014	142,533,132	384,872	2,197,208	641,653	768,185	3,991,918	146,525,050
Weight load factor on scheduled services(3) .....	44.5	41.9	43.9	66.6	43.0	65.3	40.2	48.3	44.0
Bulk:									
Departures .....	40	6	46	584	105	3	82	774	820
Hours flown .....	63	7	70	704	244	2	335	1,285	1,355
Miles flown .....	13,540	1,056	14,596	74,602	68,025	260	62,387	205,274	219,870
Passengers carried .....	633	247	880	1,493	2,244	54	887	4,678	5,558
Freight carried .....	-	-	-	241,428	538,407	-	376,811	1,156,646	1,156,646
Passenger-miles(4) .....	229,208	44,342	273,550	219,556	3,176,890	6,964	1,429,157	4,832,567	5,106,117
Goods ton-miles(4) .....	-	-	-	10,714	428,307	-	184,110	623,131	623,131
Revenue non-transportation services: Specialty flying - Hours flown .....	7	-	7	98	-	-	-	98	105
Total - All services:									
Traffic, hours and miles(5)									
Revenue:									
Departures .....	15,202	2,160	17,362	1,686	1,630	1,665	844	5,825	23,187
Hours flown .....	22,902	4,770	27,672	1,931	1,813	1,337	1,235	6,316	33,988
Miles flown .....	7,301,279	1,786,281	9,087,560	240,519	366,284	210,987	203,699	1,021,289	10,108,849
Passengers carried .....	464,469	68,557	533,026	9,405	30,607	15,848	9,576	65,436	598,462
Cargo carried .....	11,794,888	1,466,858	13,261,746	912,414	1,107,886	207,036	528,008	2,755,344	16,017,090
Goods carried .....	15,136,327	1,865,509	17,001,836	1,185,762	1,352,620	340,518	601,539	3,480,439	20,482,275
Passenger-miles(4) .....	388,398,772	112,580,879	500,979,651	2,515,104	10,233,881	4,058,432	4,287,404	21,094,821	522,074,472
Goods ton-miles(4) .....	9,877,115	2,585,639	12,462,754	217,538	673,874	57,764	232,100	1,181,276	13,644,030

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

January 1968

	Group I carriers				Group II carriers(1)				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown .....	788	291	1,079	170	179	38	34	421	1,500
Passengers carried .....	..	2,397	2,397	210	375	107	127	819	3,216
Goods carried .....	..	231,143	231,143	38,590	18,758	-	6,610	63,958	295,101
Passenger-miles .....	21,222,638	4,727,685	25,950,323	74,706	107,121	34,752	51,242	267,821	26,218,144
Goods ton-miles .....	431,006	307,333	738,339	11,158	4,694	-	1,757	17,609	755,948
Fuel and oil consumed:									
Turbo fuel - Quantity .....	20,330,118	5,293,832	25,623,950	110,490	370,224	189,795	49,935	720,444	26,344,394
Gasoline - Quantity .....	2,663,704	780,148	3,443,852	24,308	76,264	39,857	9,527	149,956	3,593,808
Turbo oil - Quantity .....	-	578,467	578,467	101,119	251,193	39,024	174,323	565,659	1,144,126
Other oil - Quantity .....	3,866	391	4,257	60	211	903	6	1,180	5,437
Cost .....	34,809	3,883	38,692	900	2,743	3,162	60	6,865	45,557
Cost .....	-	5,704	5,704	1,554	2,609	2,724	1,316	8,203	13,907
Cost .....	-	5,962	5,962	1,943	3,261	2,179	1,581	8,964	14,926
Average number of employees:									
Pilots and co-pilots .....	1,115	368	1,483	66	96	55	42	259	1,742
Other flight personnel .....	1,439	393	1,832	16	60	18	26	120	1,952
General management .....	86	122	208	23	108	54	18	203	411
Maintenance labour .....	3,288	729	4,017	212	213	133	130	688	4,705
Aircraft and traffic servicing .....	5,630	1,449	7,079	116	151	132	69	468	7,547
Other personnel .....	4,693	1,059	5,752	50	37	11	48	146	5,898
Total employees .....	16,251	4,120	20,371	483	665	403	333	1,884	22,255
Salaries and wages:									
Pilots and co-pilots .....	1,445,882	473,007	1,918,889	50,904	103,259	39,236	40,204	233,603	2,152,492
Other flight personnel .....	762,940	232,571	995,511	5,437	19,312	6,996	9,728	41,473	1,036,984
General management .....	182,847	127,284	310,131	23,933	60,988	34,253	21,679	140,853	450,984
Maintenance labour .....	2,337,481	464,801	2,802,282	102,374	159,646	55,848	63,956	381,824	3,184,106
Aircraft and traffic servicing .....	3,402,508	711,918	4,114,426	48,303	79,016	63,227	28,888	219,434	4,333,860
Other personnel .....	3,223,336	481,869	3,705,205	19,879	16,444	7,713	21,838	65,874	3,771,079
Total salaries and wages .....	11,354,994	2,491,450	13,846,444	250,830	438,665	207,273	186,293	1,083,061	14,929,505

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

January 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	399,780	57,576	6,030	27,819	15,794	8,561	515,560
Domestic interline .....	No.	5,634	1,857	-	-	-	76,160
Foreign interline .....	64,056	4,613	-	-	-	-	591,720
Totals(2) .....	463,836	67,823	7,887	27,819	15,794	8,561	
<b>Express carried:</b>							
Originated .....	1,218,533	122,059	16,439	77,777	-	25,928	1,460,736
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,218,533	122,059	16,439	77,777	-	25,928	1,460,736
<b>Freight carried:</b>							
Originated .....	10,576,355	1,075,332	649,498	479,731	207,036	102,814	13,090,766
Domestic interline .....	-	28,868	-	-	-	-	28,868
Foreign interline .....	-	93,703	-	-	-	-	93,703
Totals(2) .....	10,576,355	1,197,903	649,498	479,731	207,036	102,814	13,213,337
<b>Excess baggage carried:</b>							
Originated .....	..	23,780	16,608	53,441	34,085	5,221	133,135(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	23,780	16,608	53,441	34,085	5,221	133,135(3)
<b>Mail carried:</b>							
Originated .....	3,341,439	374,871	211,350	186,232	99,397	41,935	4,255,224
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	3,341,439	374,871	211,350	186,232	99,397	41,935	4,255,224

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

January 1968

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
<b>Unit toll:</b>							
Departures .....	2,114	705	1,165	187	4,171	13,145	17,316
Hours flown .....	3,133	2,892	3,408	1,162	10,595	17,000	27,595
Miles scheduled .....	906,380	1,356,832	1,436,691	559,733	4,259,836	4,896,456	9,156,292
Miles flown:							
Scheduled - Regular .....	857,993	1,350,173	1,391,421	559,406	4,158,993	4,618,212	8,777,205
Extra sections .....	15,033	2,859	53,314	18,828	90,034	205,725	295,759
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	873,026	1,353,032	1,444,735	578,234	4,249,027	4,823,937	9,072,964
Ratio of regular miles flown to miles scheduled .....	94.6	99.5	96.8	99.9	97.6	94.3	95.9
<b>Passengers</b>							
Passengers carried .....	..	..	..	..	175,963	356,183	532,146
Cargo carried .....	..	..	..	..	5,775,027	7,510,499	13,285,526
Mail carried .....	..	..	..	..	680,452	3,035,858	3,716,310
<b>Passenger-miles</b>							
Passenger-miles .....	41,505,082	73,055,669	94,330,914	42,160,872	251,052,537	249,653,564	500,706,101
Available seat-miles on scheduled services	85,811,194	166,483,337	194,969,330	76,461,406	523,725,267	416,745,188	940,470,455
Passenger load factor on scheduled services	48.4	43.9	48.4	55.1	47.9	59.9	53.2
<b>Goods ton-miles:</b>							
Express .....	39,214	-	-	-	39,214	518,994	558,208
Freight .....	590,461	3,405,023	828,157	715,253	5,538,894	4,095,082	9,633,976
Excess baggage .....	27	9,943	20,161	13,770	43,901	927	44,828
Mail .....	58,322	315,274	164,356	252,632	790,584	1,435,158	2,225,742
Totals .....	688,024	3,730,240	1,012,674	981,655	6,412,593	6,050,161	12,462,754
Available ton-miles on scheduled service ....	12,135,187	27,304,985	27,904,157	11,971,644	79,315,973	63,217,159	142,533,132
Weight load factor on scheduled services(1)	39.9	40.4	37.4	43.4	39.7	49.1	43.9
<b>Bulk:</b>							
Departures .....	223	17	14	-	254	..	..
Hours flown .....	375	101	55	-	513	..	..
Miles flown .....	69,986	29,298	19,892	-	119,176	..	..
Passengers carried .....	2,097	195	335	-	2,627	..	..
Goods carried .....	8,490	223,719	-	-	232,209	..	..
Passenger-miles(2) .....	2,004,674	810,333	900,563	-	3,715,570	..	..
Goods ton-miles(2) .....	1,800	380,315	-	-	382,115	..	..
<b>Total:</b>							
Departures .....	2,337	722	1,179	187	4,425	..	..
Hours flown .....	3,508	2,993	3,463	1,162	11,126	..	..
Miles flown .....	943,012	1,382,330	1,464,627	578,234	4,368,203	..	..
Passengers carried .....	..	..	..	..	178,590	..	..
Goods carried .....	..	..	..	..	6,687,688	..	..
Passenger-miles(2) .....	43,509,756	73,866,002	95,231,477	42,160,872	254,768,107	..	..
Goods ton-miles(2) .....	689,824	4,110,555	1,012,674	981,655	6,794,708	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

January 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	124,651	132,450	257,101	15,601	24,867	40,468
Bulk ..... "	316	286	602	140	1,193	1,333
Totals ..... "	124,967	132,736	257,703	15,741	26,060	41,801
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,245,267	3,837,736	5,083,003	1,597,553	3,412,671	5,010,224
Bulk ..... "	-	-	-	-	1,117	1,117
Totals ..... "	1,245,267	3,837,736	5,083,003	1,597,553	3,413,788	5,011,341
Mail carried (unit toll) ..... "	231,581	353,672	585,253	165,651	217,627	383,278
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	16,008	19,564	35,572	156,260	176,881	333,141
Bulk ..... "	-	-	-	456	1,479	1,935
Totals ..... "	16,008	19,564	35,572	156,716	178,360	335,076
Freight, express and excess baggage carried:						
Unit toll ..... lb.	374,056	256,564	630,620	3,216,876	7,506,971	10,723,847
Bulk ..... "	-	-	-	-	1,117	1,117
Totals ..... "	374,056	256,564	630,620	3,216,876	7,508,088	10,724,964
Mail carried (unit toll) ..... "	115,257	86,972	202,229	512,489	658,271	1,170,760
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	79,131	92,067	171,198	77,129	84,814	161,943
Bulk ..... "	296	266	562	160	1,213	1,373
Totals ..... "	79,427	92,333	171,760	77,289	86,027	163,316
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,836,762	3,617,318	5,454,080	1,380,114	3,889,653	5,269,767
Bulk ..... "	-	-	-	-	1,117	1,117
Totals ..... "	1,836,762	3,617,318	5,454,080	1,380,114	3,890,770	5,270,884
Mail carried (unit toll) ..... "	336,105	315,257	651,362	176,384	343,014	519,398

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service  
January 1968

	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	7,976	170,392			527	43,028		
Recreational flying .....	721	13,407			4	195		
Aerial photography and survey(1) ...	437	27,147			-	-		
Aerial photography .....	13	415			-	-		
Aerial inspection, reconnaissance and advertising(2) .....	631	81,466			197	43,419		
Aerial application and distribution .....	-	-			-	-		
Aerial control(3) .....	-	-			-	-		
Aerial construction .....	-	-			-	-		
Air ambulance and mercy services ...	-	-			-	-		
Aircraft rental .....	1,049	19,529			80	6,000		
Non-transportation charter .....	53	16,688			3	496		
Totals .....	10,880	329,044			811	93,138		

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV  
January 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No.	20	10		30	
Helicopters - Owned .....	"	233	46		279	
Leased .....	"	17	1		18	
Totals .....	"	250	47		297	
Revenue hours flown - Unit toll .....	"	-	1		1	
Bulk .....	"	2,821	135		2,956	
Specialty .....	"	618	193		811	
Totals .....	"	3,439	329		3,768	
Non-revenue hours flown .....	"	638	31		669	
Fuel and oil consumed:						
Gasoline .....	gal.	78,755	4,925		83,680	
Cost .....	\$	35,834	2,427		38,261	
Oil .....	gal.	1,329	76		1,405	
Cost .....	\$	2,425	140		2,565	
Average number of employees:						
Pilots .....	No.	216	12		228	
Administrative .....	"	118	1		119	
Maintenance labour .....	"	239	10		249	
Other personnel .....	"	18	-		18	
Totals .....	"	591	23		614	
Salaries and wages:						
Pilots .....	\$	153,956	7,412		161,368	
Administrative .....	\$	78,614	500		79,114	
Maintenance labour .....	\$	127,862	5,056		132,918	
Other personnel .....	\$	7,138	-		7,138	
Totals .....	\$	367,570	12,968		380,538	

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
January 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	
Express .....	-	
Freight .....	-	
Excess baggage .....	-	
Mail .....	-	
Total unit toll transportation .....	-	
Bulk transportation .....	431,608	
Total transportation .....	431,608	
Other flying services .....	81,415	
Total flying services .....	513,023	
Non-flying services .....	16,043	
Total operating revenues .....	529,066	
Operating expenses:		
Flying operations .....	410,863	
Maintenance .....	306,688	
General service and administration .....	127,857	
Depreciation and amortization .....	135,814	
Total operating expenses .....	981,222	
Operating income (deficit) .....	Dr. 452,156	
Non-operating income:		
Capital gains and losses .....	10,431	
Interest and discounts .....	36	
Miscellaneous non-operating income .....	750	
Income before interest expense .....	Dr. 440,939	
Interest expense .....	25,335	
Income before income taxes .....	Dr. 466,274	
Provision for income taxes .....	300	
Net income after income taxes .....	Dr. 466,574	

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation: (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).

(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).

Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).

Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).

Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.

Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: One authorized to operate aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

Express, Air: A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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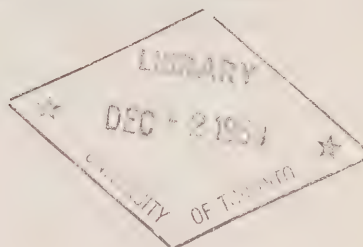
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# CIVIL AVIATION

FEBRUARY 1968



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## TABLE OF CONTENTS

Page

Introduction .....	5
--------------------	---

### Charts:

Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6

Review and Analysis .....	7
---------------------------	---

### Tables:

1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

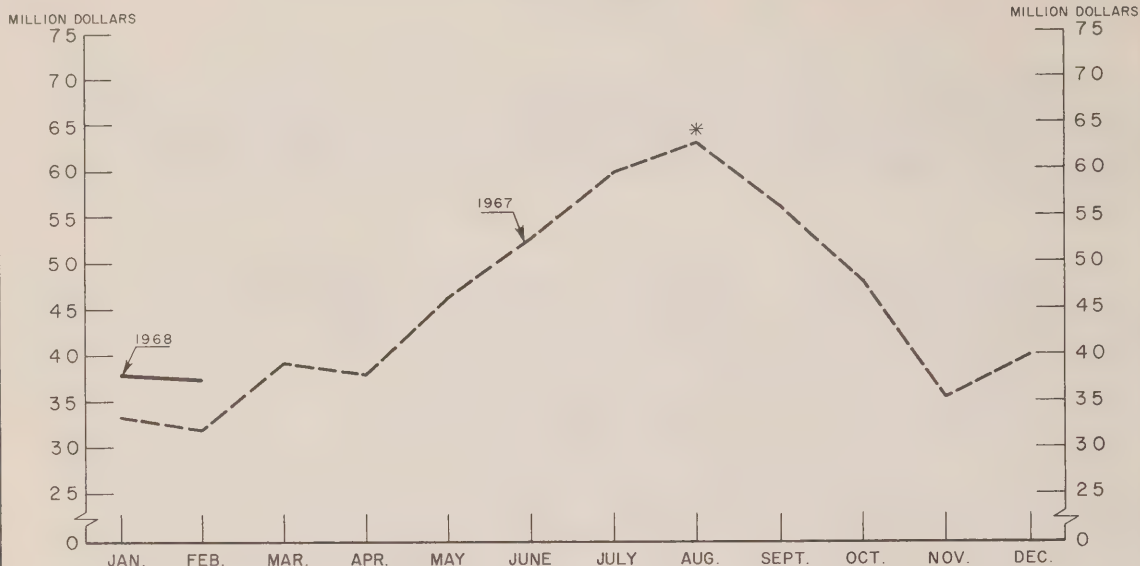
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



\*ALL TIME HIGH FOR A SINGLE MONTH

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

# REVIEW OF FEBRUARY OPERATIONS

(February 1967 figures in brackets)

For February, Canadian carriers showed a continued increase in activity over the same month of 1967. Number of revenue passengers carried was 14.6 per cent higher at 637,246 (556,195). Weight of goods carried showed an increase of 18.4 per cent to 13,980 (11,812) tons. Revenue miles flown rose 20.7 per cent to 11,980,898 (9,924,192). Transportation services showed an increase of 18.8 per cent in revenue passenger-miles to 500,857,427 (421,474,789) and 29.6 per cent in revenue goods ton-miles to 15,295,794 (11,802,243).

Operating revenues of \$37,389,613 (\$31,931,159) and operating expenses of \$43,059,722 (\$36,580,117) were reported up 17.1 per cent and 17.7 per cent respectively. Operating deficit was \$5,670,108 (\$4,648,958) and net deficit after adjustment for income taxes was \$6,919,156 (\$5,478,358).

The twenty (15) carriers operating helicopters exclusively flew 4,593 (3,002) revenue hours using 261 (192) helicopters. They reported operating revenues of \$629,324 (\$454,788) and expenses of \$1,123,515 (\$751,232). Ten (14) carriers operating fixed-wing aircraft as well as helicopters reported 538 (282) revenue hours with 39 (52) helicopters.

During February, the six scheduled carriers transported 592,078 (522,047) revenue passengers, or 92.9 (93.9) per cent of the total for all Canadian carriers. Carriage of 10,737 (8,713) tons of revenue goods was reported, amounting to 76.8 (73.8) per cent of the Canadian carrier total by weight. Operating revenues of \$33,898,974 (\$29,161,877) and expenses of \$38,177,703 (\$32,938,828) were 90.7 (91.3) per cent and 88.7 (90.0) per cent of those of all Canadian carriers.

On international unit toll services, Canadian carriers transported 175,687 (157,214) passengers, and reported number of passenger-miles as 248,458,978 (199,413,359), accounting for 33.2 (29.8) per cent of revenue passengers carried and 52.1 (48.2) per cent of passenger-miles reported for all Canadian carriers unit toll services. By area of service the proportional breakdown of international passenger-miles is shown in the table below.

<u>Area</u>	<u>Percentage</u>
Transborder .....	17.5
Trans-Atlantic and Polar .....	22.0
Southern .....	43.0
Pacific and Orient .....	17.5
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 157,911 (112,649) revenue passengers and 3,099 (2,383) tons of revenue goods, indicated increases of 40.2 per cent and 30.1 per cent respectively over February 1967.

## Cumulative Data for the Year

For the first two months of 1968, Canadian air carriers transported 1,273,594 (1,138,399) passengers, up 11.9 per cent over 1967. Weight of revenue goods carried was 17.6 per cent higher at 27,241 (23,169) tons. Revenue miles flown increased 17.8 per cent to 24,051,135 (20,441,774). Operating revenues totaled \$75,444,803 (\$65,131,570) up 15.8 per cent, while expenses showed an increase of 17.9 per cent to \$86,466,563 (\$73,362,523), giving a net operating deficit of \$11,021,730 (\$8,230,953) and a net deficit after income taxes of \$13,400,250 (\$9,979,755).

Foreign carriers operating scheduled services in Canada transported 321,175 (240,012) revenue passengers and 5,836 (4,534) tons of revenue goods, up 33.8 per cent and 28.7 per cent respectively over the same period for 1967.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

February 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	29	87	116	122	11	11	144	...
Revenue transportation services:									
Unit toll:									
Departures .....	22,060	2,336	3,785	6,121	28,181	..	..	..	..
Hours flown .....	30,941	2,360	1,817	4,177	35,118	528	1,284	36,930	75,183
Miles scheduled .....	9,384,428	...	...	...	9,384,428	187,978	532,303	10,104,709	20,647,986
Miles flown:(4)									
Scheduled .....	9,373,823	...	...	...	9,373,823	180,951	526,313	10,081,087	20,540,189
Non-scheduled .....	154,289	305,927	248,328	554,255	708,544	-	-	708,544	1,380,256
Totals .....	9,528,112	305,927	248,328	554,255	10,082,367	180,951	526,313	10,789,631	21,920,445
Passengers carried .....	586,814	7,099	7,331	14,430	601,244	133,091	23,487	757,822	1,524,422
Goods carried:									
Cargo .....	14,984,311	539,850	139,120	678,970	15,663,281	2,025,795	3,614,657	21,464,718	42,181,704
Excess baggage(5) .....	123,193	36,428	1,364	37,792	160,985	-	-	-	10,558,730
Mail .....	4,461,284	263,714	78,235	341,949	4,803,233	335,425	222,402	5,361,060	52,740,434
Totals .....	19,568,788	839,992	218,719	1,058,711	20,627,499	2,361,220	3,837,059	26,825,778	52,740,434
Passenger-miles .....	483,067,787	1,326,584	776,117	2,102,701	485,170,488	506,234	17,727,823	503,404,545	1,048,070,707
Goods ton-miles:									
Cargo .....	11,622,602	161,723	46,669	208,392	11,830,994	53,950	2,825,166	14,767,331	27,399,953
Excess baggage(5) .....	52,152	4,958	111	5,069	57,221	-	-	-	5,327,386
Mail .....	2,448,388	56,047	11,587	67,634	2,516,022	7,540	231,073	2,754,635	32,727,339
Totals .....	14,123,142	222,728	58,367	281,095	14,404,237	61,490	3,056,239	17,521,966	32,727,339
Bulk:									
Departures .....	847	6,221	9,951	16,172	17,019	..	..	..	..
Hours flown .....	1,332	7,816	8,496	16,312	17,644	1	21	17,666	33,124
Miles flown .....	222,901	750,283	925,347	1,675,630	1,898,531	236	10,080	1,908,847	3,579,112
Passengers carried .....	5,264	15,270	15,468	30,738	36,002	594	739	37,335	70,347
Freight carried .....	1,904,634	3,278,744	2,149,575	5,428,319	7,332,953	-	-	7,332,953	13,412,315
Passenger-miles(6) .....	5,675,122	9,651,822	359,995	10,011,817	15,686,939	..	..	..	..
Goods ton-miles(6) .....	492,190	360,658	38,709	399,367	891,557	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	259	6,094	10,895	16,989	17,248	-	-	17,248	28,939

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

February 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	22,907	8,557	13,736	22,293	45,200					
Hours flown .....	32,532	16,270	21,208	37,478	70,010					
Miles flown .....	9,751,013	1,056,210	1,173,675	2,229,885	11,980,898					
Passengers carried .....	592,078	22,369	22,799	45,168	637,246					
Cargo carried .....	16,888,945	3,818,594	2,288,695	6,107,289	23,157,219(8)					
Goods carried .....	21,473,422	4,118,736	2,368,294	6,487,030	27,960,452					
Passenger-miles(6) .....	488,742,909	10,978,406	1,136,112	12,114,518	500,857,427					
Goods ton-miles(6) .....	14,615,332	583,386	97,076	680,462	15,295,794					
Non-revenue:										
Hours flown .....	1,364	909	896	1,805	3,169					
Passengers carried .....	3,928	91	32	123	4,051					
Goods carried .....	241,840	40,115	4,677	44,792	286,632					
Passenger-miles .....	22,458,556	101,218	3,140	104,358	22,562,914					
Goods ton-miles .....	894,873	28,091	-	28,091	922,964					
Fuel and oil consumed:										
Turbo fuel - Quantity .....	25,426,978	178,487	65,547	244,034	25,671,012					
Cost .....	3,491,329	37,896	21,401	59,297	3,550,626					
Gasoline - Quantity .....	1,049,153	525,707	285,226	810,933	1,860,086					
Cost .....	335,625	212,149	124,891	337,040	672,665					
Turbo oil - Quantity .....	4,833	36	13	49	4,882					
Cost .....	40,146	368	174	542	40,688					
Other oil - Quantity .....	11,200	7,175	5,064	12,239	23,439					
Cost .....	11,863	10,824	8,998	19,822	31,685					
Average number of employees:										
Pilots and co-pilots .....	1,759	508	460	968	2,727					
Other flight personnel .....	2,007	55	35	90	2,097					
General management .....	417	185	159	344	761					
Maintenance labour .....	4,726	567	432	999	5,725					
Aircraft & traffic servicing .....	7,580	179	76	255	7,835					
Other personnel .....	5,937	298	269	567	6,504					
Totals .....	22,426	1,792	1,431	3,223	25,649					
Salaries and wages paid:										
Pilots and co-pilots .....	2,136,908	371,539	285,598	657,137	2,794,045					
Other flight personnel .....	1,008,438	29,088	17,075	46,163	1,054,601					
General management .....	465,975	147,069	105,019	252,088	718,063					
Maintenance labour .....	2,983,183	303,578	209,179	512,757	3,495,940					
Aircraft & traffic servicing .....	4,043,689	66,614	28,513	95,127	4,138,816					
Other personnel .....	3,592,986	94,414	108,615	203,029	3,796,015					
Totals .....	14,231,179	1,012,302	753,999	1,766,301	15,997,480					

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

February 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date	
	Group I		Total	Group III(1)		Total			
	Group I	Group II(1)		Group III(1)	Group IV				
dollars									
Operating revenues:									
Unit toll transportation:									
Passengers .....	26,159,425	1,306,198	27,465,623	199,084	110,835	309,919	27,775,542	57,195,315	
Express .....	519,914	31,006	550,920	3,982	4,913	8,895	559,815	1,114,600	
Freight .....	2,507,014	201,844	2,708,858	113,370	13,714	127,084	2,835,942	5,283,587	
Excess baggage .....	129,237	21,753	150,990	5,858	221	6,079	157,069	350,224	
Mail .....	1,671,919	181,145	1,853,064	85,304	17,688	102,992	1,956,056	3,916,120	
Total unit toll transportation ..	30,987,509	1,741,946	32,729,455	407,598	147,371	554,969	33,284,424	67,859,846	
Bulk transportation .....	37,212	466,804	504,016	1,235,809	789,670	2,025,479	2,529,495	4,794,778	
Total transportation .....	31,024,721	2,208,750	33,233,471	1,643,407	937,041	2,580,448	35,813,919	72,654,624	
Other flying services .....	3,028	53,502	56,530	277,099	362,907	640,006	696,536	1,132,610	
Total flying services .....	31,027,749	2,262,252	33,290,001	1,920,506	1,299,948	3,220,454	36,510,455	73,787,234	
Non-flying services .....	538,927	70,046	608,973	118,167	152,018	270,185	879,158	1,657,569	
Total operating revenues .....	31,566,676	2,332,298	33,898,974	2,038,673	1,451,966	3,490,639	37,389,613	75,444,803	
Operating expenses:									
Flying operations .....	8,403,684	859,310	9,262,994	1,303,845	754,805	2,058,650	11,321,644	22,870,934	
Maintenance .....	6,790,578	801,114	7,591,692	943,163	443,503	1,386,666	8,978,358	18,050,017	
General services and administration:									
Passenger service .....	3,696,816	123,320	3,820,136	..	..	..	..	..	
Aircraft and traffic servicing .....	5,434,062	386,417	5,820,479	..	..	..	..	..	
Promotion and sales .....	5,762,952	202,936	5,965,888	..	..	..	..	..	
General administration .....	1,581,170	218,633	1,799,803	..	..	..	..	..	
Totals .....	16,475,000	931,306	17,406,306	636,932	343,661	980,593	18,386,899	36,922,674	
Depreciation and amortization .....	3,692,751	223,960	3,916,711	248,371	207,739	456,110	4,372,821	8,622,908	
Total operating expenses .....	35,362,013	2,815,690	38,177,703	3,132,311	1,749,708	4,882,019	43,059,722	86,466,563	
Operating income (loss) .....	Dr. 3,795,337	Dr. 483,392	Dr. 4,278,729	Dr. 1,093,638	Dr. 297,741	Dr. 1,391,379	Dr. 5,670,108	Dr. 11,021,730	
Non-operating income - Net:									
Capital gains and losses .....	-	1,370	1,370	46,672	14,202	60,874	62,244	102,606	
Interest and discounts .....	556,540	9,718	566,258	22,420	1,718	24,138	590,396	1,129,831	
Miscellaneous non-operating income ..	59,529	2,980	56,549	Dr. 19,783	3,701	16,082	Dr. 72,631	6,765	
Income before interest expense .....	Dr. 3,298,326	Dr. 469,324	Dr. 3,767,650	Dr. 1,044,329	Dr. 278,120	Dr. 1,322,449	Dr. 5,090,099	Dr. 9,782,528	
Interest expense .....	1,536,944	154,579	1,691,523	88,568	57,365	145,933	1,837,456	3,660,081	
Income before income taxes .....	Dr. 4,835,270	Dr. 623,903	Dr. 5,459,173	Dr. 1,132,897	Dr. 335,485	Dr. 1,468,382	Dr. 6,927,555	Dr. 13,442,609	
Provision for income taxes .....	-	-	-	Cr. 14,751	6,352	8,399	Cr. 8,399	Cr. 42,359	
Net income after income taxes .....	Dr. 4,835,270	Dr. 623,903	Dr. 5,459,173	Dr. 1,118,146	Dr. 341,837	Dr. 1,459,983	Dr. 6,919,156	Dr. 13,400,250	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

February 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	20,260,203	5,899,222	145,294	641,734	300,085	219,085	27,465,623	56,598,858
Express .....	469,587	50,327	5,290	18,161	-	7,555	550,920	1,098,541
Freight .....	1,913,905	593,109	56,028	75,894	54,166	15,756	2,708,858	5,018,881
Excess baggage .....	91,369	37,868	3,802	10,855	5,945	1,151	150,990	337,185
Mail .....	1,140,898	531,021	71,894	53,308	24,414	31,529	1,853,064	3,702,149
Total unit toll transportation ..	23,875,962	7,111,547	282,308	799,952	384,610	275,076	32,729,455	66,755,614
Bulk transportation .....	37,212	-	89,415	293,745	956	82,688	504,016	1,003,258
Total transportation .....	23,913,174	7,111,547	371,723	1,093,697	385,566	357,764	33,233,471	67,758,872
Other flying services .....	3,028	-	53,502	-	-	-	56,530	83,913
Total flying services .....	23,916,202	7,111,547	425,225	1,093,697	385,566	357,764	33,290,001	67,844,785
Non-flying services .....	376,114	162,813	24,221	-	2,206	43,619	608,973	1,070,599
Total operating revenues .....	24,292,316	7,274,360	449,446	1,093,697	387,772	401,383	33,898,974	68,915,384
Operating expenses:								
Flying operations .....	5,859,619	2,544,065	176,398	389,478	160,679	132,755	9,262,994	19,026,263
Maintenance .....	5,690,276	1,100,302	187,805	303,268	135,960	174,081	7,591,692	15,451,151
General services and administration:								
Passenger service .....	2,796,441	900,375	19,783	66,190	15,864	21,483	3,820,136	7,564,812
Aircraft and traffic servicing .....	4,475,289	938,773	124,271	193,183	40,078	28,885	5,820,479	11,789,455
Promotion and sales .....	4,161,987	1,600,965	14,248	54,525	73,168	60,995	5,965,888	11,982,325
General administration .....	1,225,892	355,278	31,958	100,697	50,380	35,598	1,799,803	3,609,800
Totals .....	12,659,609	3,815,391	190,260	414,595	179,490	146,961	17,406,306	34,946,392
Depreciation and amortization .....	3,543,368	149,383	55,589	144,222	6,956	17,193	3,916,711	7,689,918
Total operating expenses .....	27,752,872	7,609,141	610,082	1,251,563	483,085	470,990	38,177,703	77,113,724
Operating income (loss) .....	Dr. 3,460,556	Dr. 334,781	Dr. 160,606	Dr. 157,866	Dr. 95,313	Dr. 69,607	Dr. 4,278,729	Dr. 8,198,340
Non-operating income - Net:								
Capital gains and losses .....	-	-	173	45	-	1,152	1,370	17,174
Interest and discounts .....	475,606	80,934	181	9,537	-	-	566,258	1,091,441
Miscellaneous non-operating income ..	Dr. 49,298	Dr. 10,231	-	4,990	Dr. 1,953	Dr. 57	Dr. 56,549	Dr. 80,484
Income before interest expense .....	Dr. 3,034,248	Dr. 264,078	Dr. 160,252	Dr. 143,294	Dr. 97,266	Dr. 68,512	Dr. 3,767,650	Dr. 7,170,209
Interest expense .....	1,241,944	295,000	36,954	82,871	25,743	9,011	1,691,523	3,379,267
Income before income taxes .....	Dr. 4,276,192	Dr. 559,078	Dr. 197,206	Dr. 226,165	Dr. 123,009	Dr. 77,523	Dr. 5,459,173	Dr. 10,549,476
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 4,276,192	Dr. 559,078	Dr. 197,206	Dr. 226,165	Dr. 123,009	Dr. 77,523	Dr. 5,459,173	Dr. 10,549,476

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

February 1968

- 12 -

	Group I carriers				Group II carriers(1)				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	15,136	2,244	17,380	998	1,507	1,425	750	4,680	22,060
Hours flown .....	21,763	4,757	26,520	950	1,488	1,122	861	4,421	30,941
Miles scheduled .....	6,955,388	1,822,193	8,777,581	48,001	262,967	186,781	109,098	606,847	9,384,428
Miles flown:									
Scheduled - Regular .....	6,816,719	1,785,240	8,601,959	40,279	252,977	162,413	107,925	563,594	9,165,553
Extra sections .....	178,527	13,340	191,867	2,007	10,430	308	3,658	16,403	208,270
Non-scheduled .....	-	-	-	93,856	17,210	19,225	23,998	154,289	154,289
Totals .....	6,995,246	1,798,580	8,793,826	136,142	280,617	181,946	135,581	734,286	9,528,112
Ratio of regular miles flown to miles scheduled .....	98.0	98.0	98.0	83.9	96.2	87.0	98.9	92.9	97.7
Passengers carried .....	460,251	68,530	528,781	6,800	29,803	13,010	8,420	58,033	586,814
Goods carried:									
Freight .....	10,738,659	1,517,911	12,256,570	484,124	566,237	207,645	111,339	1,369,345	13,625,915
Express .....	1,120,006	123,498	1,243,504	16,669	72,240	-	25,983	114,892	1,358,396
Excess baggage .....	-	14,139	14,139	13,603	57,835	32,304	5,312	109,054	142,313
Mail .....	3,471,013	376,466	3,847,479	282,216	122,018	130,873	78,698	613,805	4,461,284
Totals .....	15,329,678	2,032,014	17,361,692	796,612	818,330	370,822	221,332	2,207,096	19,568,788
Passenger-miles:									
Scheduled .....	354,624,806	113,149,389	467,774,195	571,030	7,057,709	3,504,426	2,525,692	13,658,857	481,433,052
Non-scheduled .....	-	-	-	1,164,369	79,460	246,221	144,685	1,634,735	1,634,735
Totals .....	354,624,806	113,149,389	467,774,195	1,735,399	7,137,169	3,750,647	2,670,377	15,293,592	483,067,787
Available seat-miles on scheduled services .....	682,556,711	248,403,846	930,960,557	1,244,932	16,520,826	5,629,286	5,791,084	29,186,128	960,146,635
Passenger load factor on scheduled services .....	52.0	45.6	50.2	45.9	42.7	62.3	43.6	46.8	50.1
Goods ton-miles:									
Freight - Scheduled .....	8,397,189	2,300,078	10,697,267	11,662	152,918	38,232	22,487	225,299	10,922,566
Non-scheduled .....	-	-	-	103,435	935	5,730	2,931	113,031	113,031
Totals .....	8,397,189	2,300,078	10,697,267	115,097	153,853	43,962	25,418	338,330	11,035,597
Express - Scheduled .....	507,774	51,608	559,382	451	20,174	-	4,503	25,128	584,510
Non-scheduled .....	-	-	-	1,977	-	-	518	2,495	2,495
Totals .....	507,774	51,608	559,382	2,428	20,174	-	5,021	27,623	587,005

See footnotes at end of table.

February 1968

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	..	31,838	31,838	603	9,569	4,398	1,219	15,789	47,627
Non-scheduled ..	..	-	-	3,218	303	1,004	-	4,525	4,525
Totals .....	..	31,838	31,838	3,821	9,872	5,402	1,219	20,314	52,152
Mail - Scheduled .....	1,873,804	448,703	2,322,507	7,875	57,504	5,699	8,358	79,436	2,401,943
Non-scheduled ..	-	-	-	36,719	91	3,128	4,507	46,445	46,445
Totals .....	1,873,804	448,703	2,322,507	46,594	57,595	8,827	12,865	125,881	2,448,388
Total - Scheduled .....	10,778,767	2,832,227	13,610,994	20,591	240,165	48,329	36,567	345,652	13,956,646
Non-scheduled ..	-	-	-	147,349	1,329	9,862	7,956	166,496	166,496
Totals .....	10,778,767	2,832,227	13,610,994	167,940	241,494	58,191	44,523	512,148	14,123,142
Available ton-miles on scheduled services .....	103,978,433	36,623,575	140,602,008	133,695	2,054,447	585,262	708,233	3,461,637	144,063,645
Weight load factor on scheduled services(3) .....	44.5	38.6	42.9	58.1	46.0	70.5	40.8	49.4	43.1
Bulk:									
Departures .....	63	-	63	538	175	8	63	784	847
Hours flown .....	104	-	104	648	306	6	268	1,228	1,332
Miles flown .....	24,233	-	24,233	66,832	83,057	783	47,996	198,668	222,901
Passengers carried .....	1,012	-	1,012	1,015	2,614	106	517	4,252	5,264
Freight carried .....	-	-	-	323,538	1,262,695	-	318,401	1,904,634	1,904,634
Passenger-miles(4) .....	440,787	-	440,787	107,330	4,540,992	16,445	569,568	5,234,335	5,675,122
Goods ton-miles(4) .....	-	-	-	16,912	303,257	-	172,021	492,190	492,190
Revenue non-transportation services: Specialty flying - Hours flown .....	8	-	8	251	-	-	-	251	259
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	15,199	2,244	17,443	1,536	1,682	1,433	813	5,464	22,907
Hours flown .....	21,875	4,757	26,632	1,849	1,794	1,128	1,129	5,900	32,532
Miles flown .....	7,019,479	1,798,580	8,818,059	202,974	363,674	182,729	183,577	932,954	9,751,013
Passengers carried .....	461,263	68,530	529,793	7,815	32,417	13,116	8,937	62,285	592,078
Cargo carried .....	11,858,665	1,641,409	13,500,074	824,331	1,901,172	207,645	455,723	3,388,871	16,888,945
Goods carried .....	15,329,678	2,032,014	17,361,692	1,120,150	2,081,025	370,822	539,733	4,111,730	21,473,442
Passenger-miles(4) .....	355,065,593	113,149,389	468,214,982	1,842,729	11,678,161	3,767,092	3,739,945	20,527,927	488,742,909
Goods ton-miles(4) .....	10,778,767	2,832,227	13,610,994	184,852	544,751	58,191	216,544	1,004,338	14,615,332

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

February 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
<b>Total - All services - Concluded:</b>									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown ..... No.	616	302	918	127	205	82	32	446	1,364
Passengers carried ..... "	"	2,538	2,538	228	845	161	156	1,390	3,928
Goods carried ..... lb.	"	211,785	211,785	216	21,798	8,041	30,055	30,055	241,840
Passenger-miles ..... No.	17,242,368	4,765,932	22,008,300	62,912	280,714	50,808	55,822	430,256	22,458,556
Goods ton-miles ..... "	592,617	288,004	880,621	42	12,190	-	2,020	14,252	894,873
<b>Fuel and oil consumed:</b>									
Turbo fuel - Quantity ..... gal.	19,288,608	5,465,069	24,753,677	82,459	364,998	163,476	62,368	673,301	25,426,978
Cost ..... \$	2,539,282	813,994	3,353,276	18,141	73,595	34,330	11,987	138,053	3,491,329
Gasoline - Quantity ..... gal.	-	517,373	517,373	97,891	254,510	38,585	140,794	531,780	1,049,153
Cost ..... \$	-	148,586	148,586	33,596	88,749	12,733	51,961	187,039	335,629
Turbo oil - Quantity ..... gal.	3,219	491	3,710	47	204	866	6	1,123	4,833
Cost ..... \$	28,964	4,735	33,699	705	2,652	3,030	60	6,447	40,146
Other oil - Quantity ..... gal.	-	4,628	4,628	1,507	2,738	1,375	952	6,572	11,200
Cost ..... \$	-	4,359	4,359	1,884	3,422	1,100	1,098	7,504	11,863
<b>Average number of employees:</b>									
Pilots and co-pilots ..... No.	1,121	371	1,492	66	101	58	42	267	1,759
Other flight personnel ..... "	1,447	429	1,876	14	72	17	28	131	2,007
General management ..... "	86	125	211	23	111	54	206	417	1,008
Maintenance labour ..... "	3,314	740	4,054	215	216	130	111	672	4,726
Aircraft and traffic servicing ..... "	5,632	1,471	7,103	114	146	133	84	477	7,580
Other personnel ..... "	4,786	991	5,777	51	46	11	52	160	5,937
Total employees ..... "	16,386	4,127	20,513	483	692	403	335	1,913	22,426
<b>Salaries and wages:</b>									
Pilots and co-pilots ..... \$	1,444,886	463,469	1,908,355	50,474	92,819	42,273	42,987	228,553	2,136,908
Other flight personnel ..... \$	726,758	239,456	966,214	5,461	19,082	7,366	10,315	42,224	1,008,438
General management ..... \$	192,462	129,818	322,280	24,154	61,974	35,668	21,899	143,695	465,975
Maintenance labour ..... \$	2,139,642	463,757	2,603,399	101,750	159,942	59,493	58,599	379,784	2,983,183
Aircraft and traffic servicing ..... \$	3,098,689	711,082	3,809,771	46,305	97,155	60,648	29,810	233,918	4,043,689
Other personnel ..... \$	3,061,864	466,005	3,527,869	19,540	16,923	6,866	21,788	65,117	3,592,986
Total salaries and wages ..... \$	10,664,301	2,473,587	13,137,888	247,684	447,895	212,314	185,398	1,093,291	14,231,179

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

February 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	401,458	57,487	4,800	29,178	13,010	8,299	514,232
Domestic interline .....	58,793	6,205	1,964	-	-	-	71,763
Foreign interline .....	-	4,801	-	-	-	-	-
Totals(2) .....	460,251	68,493	6,764	29,178	13,010	8,299	585,995
<b>Express carried:</b>							
Originated .....	1,120,006	123,498	16,562	72,240	-	25,983	1,358,289
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,120,006	123,498	16,562	72,240	-	25,983	1,358,289
<b>Freight carried:</b>							
Originated .....	10,738,659	1,195,523	466,424	547,872	207,645	97,934	13,254,057
Domestic interline .....	-	26,036	-	-	-	-	26,036
Foreign interline .....	-	89,659	-	-	-	-	89,659
Totals(2) .....	10,738,659	1,311,218	466,424	547,872	207,645	97,934	13,369,752
<b>Excess baggage carried:</b>							
Originated .....	..	14,139	13,603	52,624	32,304	5,312	117,982(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	14,139	13,603	52,624	32,304	5,312	117,982(3)
<b>Mail carried:</b>							
Originated .....	3,471,013	376,466	235,562	120,617	130,873	45,393	4,379,924
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	3,471,013	376,466	235,562	120,617	130,873	45,393	4,379,924

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

February 1968

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,119	581	1,129	179	4,008	13,372	17,380
Hours flown .....	3,112	2,497	3,267	1,084	9,960	16,560	26,520
Miles scheduled .....	934,033	1,192,832	1,387,315	526,159	4,040,339	4,737,242	8,777,581
Miles flown:							
Scheduled - Regular .....	913,135	1,153,029	1,361,771	519,161	3,947,096	4,654,863	8,601,959
Extra sections .....	10,496	16,764	22,077	13,340	62,677	129,190	191,867
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	923,631	1,169,793	1,383,848	532,501	4,009,773	4,784,053	8,793,826
Ratio of regular miles flown to miles scheduled .....	97.8	96.7	98.2	98.7	97.7	98.3	98.0
Passengers carried .....	No.	..	..	..	175,687	353,094	528,781
Cargo carried .....	lb.	..	..	..	5,722,407	7,791,806	13,514,213
Mail carried .....	"	..	..	..	704,963	3,142,516	3,847,479
Passenger-miles .....	No.	43,547,818	106,949,097	43,351,960	248,458,978	219,315,217	467,774,195
Available seat-miles on scheduled services	"	94,803,193	187,832,135	90,348,349	516,291,400	414,669,157	930,960,557
Passenger load factor on scheduled services		45.9	56.9	48.0	48.1	52.9	50.2
Goods ton-miles:							
Express .....	34,899	-	-	-	34,899	524,483	559,382
Freight .....	664,538	3,799,332	857,888	814,456	6,136,214	4,561,053	10,697,267
Excess baggage .....	1,074	3,641	10,627	15,385	30,727	1,111	31,838
Mail .....	58,651	351,537	185,544	254,680	850,412	1,472,095	2,322,507
Totals .....	759,162	4,154,510	1,054,059	1,084,521	7,052,252	6,558,742	13,610,994
Available ton-miles on scheduled service ....	13,625,659	23,334,167	26,645,485	13,998,944	77,604,255	62,997,753	140,602,008
Weight load factor on scheduled services(1)	37.5	41.2	44.1	38.7	41.1	45.2	42.9
Bulk:							
Departures .....	240	14	9	-	263	...	...
Hours flown .....	464	177	37	-	678	...	...
Miles flown .....	104,518	77,637	16,666	-	198,821	...	...
Passengers carried .....	3,722	2,303	396	-	6,421	...	...
Goods carried .....	16,993	45,033	-	-	62,026	...	...
Passenger-miles(2) .....	4,143,684	8,009,923	1,288,923	-	13,442,530	...	...
Goods ton-miles(2) .....	5,055	88,940	-	-	93,995	...	...
Total:							
Departures .....	2,359	595	1,138	179	4,271	...	...
Hours flown .....	3,576	2,674	3,304	1,084	10,638	...	...
Miles flown .....	1,028,149	1,247,430	1,400,514	532,501	4,208,594	...	...
Passengers carried .....	..	..	..	..	182,108	...	...
Goods carried .....	..	..	..	..	6,489,396	...	...
Passenger-miles(2) .....	47,691,502	62,620,026	108,238,020	43,351,960	261,901,508	...	...
Goods ton-miles(2) .....	764,217	4,243,450	1,054,059	1,084,521	7,146,247	...	...

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

February 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	130,827	122,293	253,120	14,872	18,739	33,611
Bulk ..... "	745	542	1,287	585	148	733
Totals ..... "	131,572	122,835	254,407	15,457	18,887	34,344
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	1,124,845	3,739,839	4,864,684	1,497,035	4,071,878	5,568,913
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,124,845	3,739,938	4,864,684	1,497,035	4,071,878	5,568,913
Mail carried (unit toll) ..... "	241,610	374,109	615,719	192,470	215,294	407,764
All other areas				Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	22,242	19,326	41,568	167,941	160,358	328,299
Bulk ..... "	-	-	-	1,330	690	2,020
Totals ..... "	22,242	19,326	41,568	169,271	161,048	330,319
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	351,083	294,098	645,181	2,972,963	8,105,815	11,078,778
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	351,083	294,098	645,181	2,972,963	8,105,815	11,078,778
Mail carried (unit toll) ..... "	116,268	84,704	200,972	550,348	674,107	1,224,455
Total by Canadian carriers				Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	88,015	83,706	171,721	79,926	76,652	156,578
Bulk ..... "	381	306	687	949	384	1,333
Totals ..... "	88,396	84,012	172,408	80,875	77,036	157,911
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	1,707,547	3,730,779	5,438,326	1,265,416	4,375,036	5,640,452
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,707,547	3,730,779	5,438,326	1,265,416	4,375,036	5,640,452
Mail carried (unit toll) ..... "	350,211	316,417	666,628	200,137	357,690	557,827

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

February 1968

Type of service:	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	11,374	231,996	19,350	402,388	892	70,854	1,419	113,882
Recreational flying .....	1,082	21,004	1,803	34,411	185	21,931	189	22,126
Aerial photography and survey(1) ...	528	24,760	965	51,907	64	12,945	64	12,945
Aerial photography .....	14	556	27	971	1	150	1	150
Aerial inspection, reconnaissance and advertising(2) .....	1,122	129,259	1,753	210,725	451	94,976	648	138,395
Aerial application & distribution(3) ..	-	-	-	-	-	-	-	-
Aerial control .....	-	-	-	-	1	100	1	100
Aerial construction .....	-	-	-	-	-	-	-	-
Air ambulance and mercy services ...	5	594	5	594	-	-	-	-
Aircraft rental .....	1,389	25,566	2,438	45,095	79	6,000	159	12,000
Non-transportation charter .....	51	10,042	104	26,730	10	1,785	13	2,281
Totals .....	15,565	443,777	26,445	772,821	1,683	208,741	2,494	301,879

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

February 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 20	...	10	...	30	...
Helicopters - Owned .....	" 245	239	39	42	284	281
Leased .....	" 16	17	-	-	16	17
Totals .....	" 261	256	39	42	300	298
Revenue hours flown - Unit toll .....	" -	-	-	1	-	1
Bulk .....	" 3,314	6,135	134	269	3,448	6,404
Specialty .....	" 1,279	1,897	404	597	1,683	2,494
Totals .....	" 4,593	8,032	538	867	5,131	8,899
Non-revenue hours flown .....	" 436	1,074	86	117	522	1,191
Fuel and oil consumed:						
Gasoline .....	gal. 89,628	168,383	9,907	14,832	99,535	183,215
Cost .....	\$ 40,587	76,421	4,775	7,202	45,362	83,623
Oil .....	gal. 1,484	2,813	190	266	1,674	3,079
Cost .....	\$ 2,756	5,181	352	492	3,108	5,673
Average number of employees:						
Pilots .....	No. 215	215	17	15	232	230
Administrative .....	" 120	119	1	1	121	120
Maintenance labour .....	" 248	243	10	10	258	253
Other personnel .....	" 15	16	-	-	15	16
Totals .....	" 598	593	28	26	626	619
Salaries and wages:						
Pilots .....	\$ 157,979	311,935	9,630	17,042	167,609	328,977
Administrative .....	\$ 77,360	155,974	500	1,000	77,860	156,974
Maintenance labour .....	\$ 140,732	268,594	4,560	9,616	145,292	278,210
Other personnel .....	\$ 6,665	13,803	-	-	6,665	13,803
Totals .....	\$ 382,736	750,306	14,690	27,658	397,426	777,964

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
February 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	442,351	873,959
Total transportation .....	442,351	873,959
Other flying services .....	154,675	234,690
Total flying services .....	597,026	1,108,649
Non-flying services .....	46,076	81,282
Total operating revenues .....	643,102	1,189,931
Operating expenses:		
Flying operations .....	511,120	932,702
Maintenance .....	381,145	688,636
General service and administration .....	132,861	260,201
Depreciation and amortization .....	124,862	260,676
Total operating expenses .....	1,149,988	2,142,215
Operating income (deficit) .....	Dr. 506,886	Dr. 952,284
Non-operating income:		
Capital gains and losses .....	8,321	18,752
Interest and discounts .....	1	37
Miscellaneous non-operating income .....	25	775
Income before interest expense .....	Dr. 498,539	Dr. 932,720
Interest expense .....	33,426	58,761
Income before income taxes .....	Dr. 531,965	Dr. 991,481
Provision for income taxes .....	300	600
Net income after income taxes .....	Dr. 532,265	Dr. 992,081

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

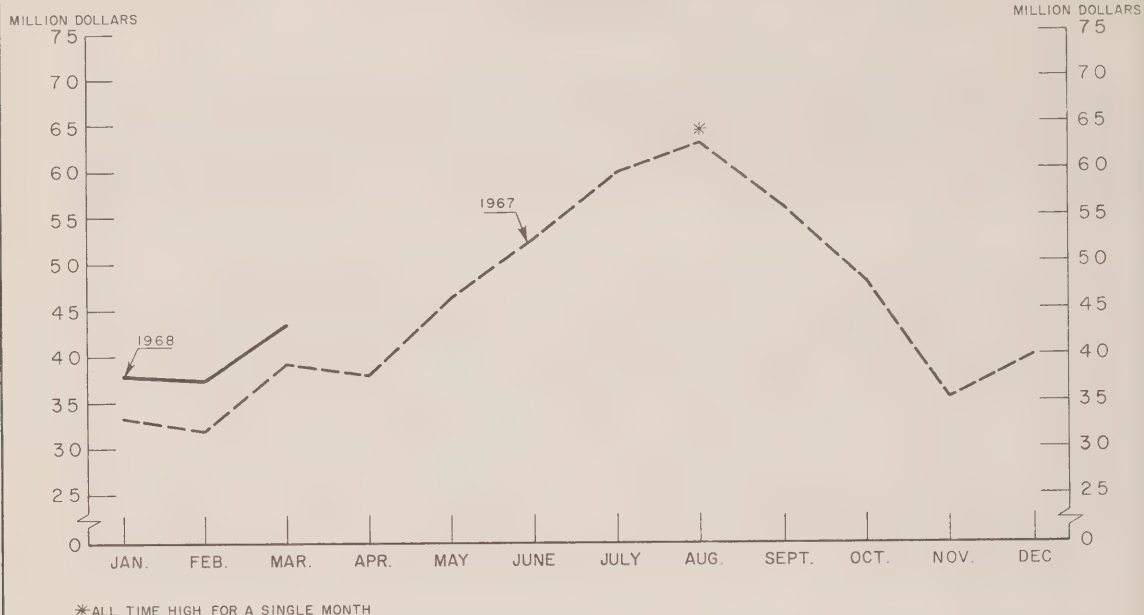
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

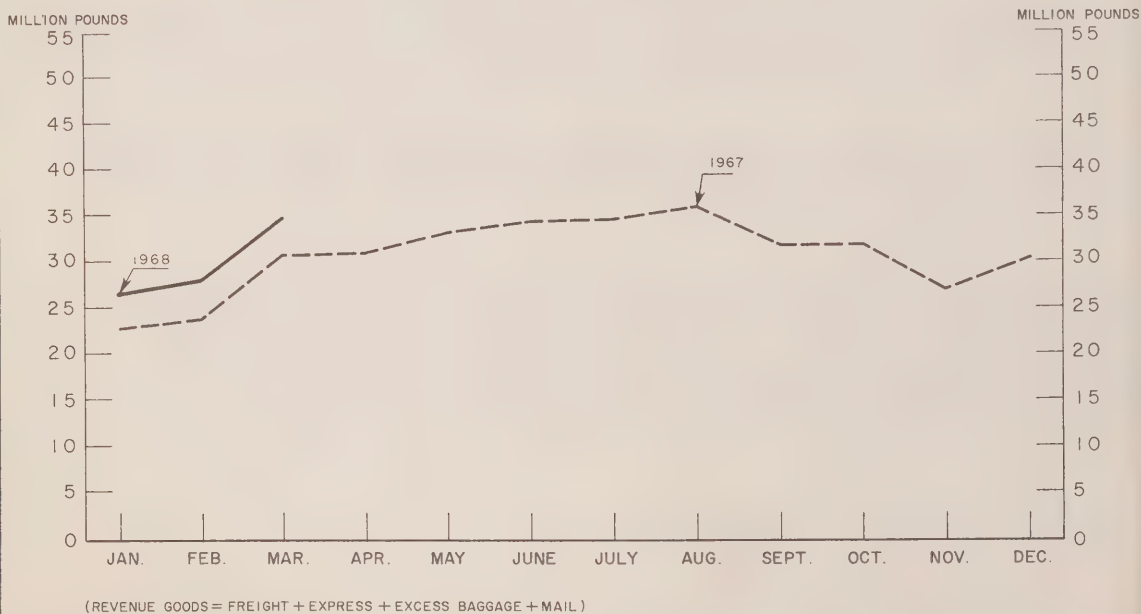
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



## REVIEW OF MARCH OPERATIONS

(March 1967 figures in brackets)

In March, operations of Canadian carriers appeared to be above the level of the same month of 1967. For transportation services, a 5.9 per cent increase in passengers carried, to 706,252 (667,013) was reported. Goods carried were up 13.5 per cent in weight, at 17,376 (15,304) tons while goods ton-miles were up 22.2 per cent to 17,421,947 (14,259,246). Revenue passenger-miles showed an increase of 16.1 per cent to 595,901,409 (513,415,933). For all services, revenue miles flown rose 15.5 per cent to 13,410,690 (11,611,366).

Total operating revenues of \$43,433,321 (\$39,097,660) showed a gain of 11.1 per cent, while operating expenses were 9.2 per cent higher at \$44,807,773 (\$41,043,413). As a result, the overall operating loss was \$1,374,452 (\$1,945,753) and the net deficit after taxes, \$2,482,557 (\$2,816,343).

The twenty (16) carriers operating helicopters exclusively flew 5,878 (5,081) revenue flying hours using 251 (194) helicopters. They reported operating revenues of \$938,036 (\$712,273) and expenses of \$1,351,275 (\$860,902). Ten (12) carriers operating helicopters as well as fixed-wing aircraft reported 501 (722) revenue hours flown with 44 (39) helicopters.

During March, the six scheduled carriers transported 655,814 (622,875) revenue passengers or 92.9 (93.4) per cent of the total for Canadian carriers, and 12,995 (10,922) tons of revenue goods, or 74.8 (71.4) per cent of the total weight of revenue goods carried. Operating revenues of \$39,304,020 (\$35,194,681) and expenses of \$39,975,029 (\$36,306,414) reported by the scheduled carriers were 90.5 (90.0) per cent and 89.2 (88.5) per cent respectively of totals reported by all Canadian carriers.

In March, on international scheduled services, Canadian carriers transported 218,298 (197,328) revenue passengers, or 36.8 (31.3) per cent of the total carried on unit toll services. Passenger-miles totalled 296,695,369 (250,892,764) for these services, accounting for 52.8 (49.7) per cent of Canadian carriers' unit toll passenger-miles. By area of service, the proportional breakdown of international passenger-miles is shown in the table below:

<u>Area</u>	<u>Percentage</u>
Transborder .....	11.7
Trans-Atlantic and Polar .....	26.6
Southern .....	46.1
Pacific and Orient .....	15.6
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 190,205 (144,292) revenue passengers and 3,307 (2,765) tons of revenue goods into and out of Canada, showing increases of 31.8 per cent and 19.6 per cent respectively over March of 1967.

### Cumulative Data, Year-to-Date

In the first quarter of 1968, Canadian air carriers transported 1,979,846 (1,805,412) passengers, up 9.7 per cent over the first three months of 1967. Weight of revenue goods carried was 16.0 per cent higher at 44,618 (38,473) tons. Revenue miles flown increased 16.9 per cent to 37,461,825 (32,053,140). Operating revenues totalled \$118,878,124 (\$104,229,230), up 12.3 per cent, while expenses of \$131,274,306 (\$114,405,936) were 14.7 per cent higher. The consequent operating loss was \$12,396,182 (\$10,176,706) and the net deficit after taxes, \$15,882,807 (\$12,796,098).

Foreign carriers operating scheduled services in Canada reported an increase of 33.1 per cent in number of passengers carried, to 511,380 (384,304) and a 25.3 per cent increase in weight of goods carried, to 9,143 (7,299) tons for the first quarter of 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

March 1968

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	29	87	116	122	11	11	144	...
Revenue transportation services:									
Unit toll:									
Departures .....	23,314	3,155	3,470	6,625	29,939	..	..	..	..
Hours flown .....	33,687	2,804	1,808	4,612	38,299	549	1,526	40,374	115,557
Miles scheduled .....	10,119,155	...	...	...	10,119,155	184,130	597,481	10,900,766	31,548,752
Miles flown:									
Scheduled .....	10,225,147	...	...	...	10,225,147	190,324	600,907	11,016,378	31,556,567
Non-scheduled .....	176,419	360,842	254,210	615,052	791,471	-	-	791,471	2,171,727
Totals .....	10,401,566	360,842	254,210	615,052	11,016,618	190,324	600,907	11,807,849	33,728,294
Passengers carried .....	650,081	8,709	5,791	14,500	664,581	157,812	29,687	852,080	2,376,502
Goods carried:									
Cargo .....	17,278,699	628,633	161,776	790,409	18,069,108	2,218,599	3,735,942	24,189,263	66,370,967
Excess baggage(5) .....	121,529	40,897	3,188	44,085	165,614	404,087	254,140	6,000,837	16,559,567
Mail .....	4,940,212	284,852	117,546	402,398	5,342,610	2,622,686	3,990,082	30,190,100	82,930,534
Totals .....	22,340,440	954,382	282,510	1,236,892	23,577,332	6,855,659	22,688,908	609,329,036	1,657,399,743
Passenger-miles .....	577,590,536	1,438,247	755,686	2,193,933	579,784,469	6,855,659	22,688,908	609,329,036	1,657,399,743
Goods ton-miles:									
Cargo .....	12,963,143	176,955	13,967	190,922	13,154,065	57,806	2,290,445	15,537,676	42,937,629
Excess baggage(5) .....	30,671	4,423	266	4,689	35,360	9,001	197,174	3,027,703	8,355,089
Mail .....	2,751,371	58,206	11,951	70,157	2,821,528	66,807	2,487,619	18,565,379	51,292,718
Totals .....	15,745,185	239,584	26,184	265,768	16,010,953	66,807	2,487,619	18,565,379	51,292,718
Bulk:									
Departures .....	1,373	7,787	11,802	19,589	20,962	..	..	..	..
Hours flown .....	1,963	10,306	10,150	20,456	22,419	2	38	22,459	55,583
Miles flown .....	323,865	947,972	1,122,235	2,070,207	2,394,072	538	18,632	2,413,242	5,992,354
Passengers carried .....	5,733	18,097	17,841	35,938	41,671	446	2,260	44,377	114,724
Freight carried .....	3,650,371	4,857,402	2,668,723	7,526,125	11,176,496	-	1,126	11,177,622	24,589,937
Passenger-miles(6) .....	4,762,109	10,831,045	523,786	11,354,831	16,116,940	..	..	..	..
Goods ton-miles(6) .....	802,896	586,834	21,264	608,098	1,410,994	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	293	7,173	11,181	18,354	18,647	-	-	18,647	47,586

see footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

March 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers		Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	24,687	10,942	15,272	26,214	50,901	551	1,564	81,480	218,726	
Hours flown .....	35,943	20,283	23,139	43,422	79,365	190,862	619,539	14,221,091	39,720,648	
Miles flown .....	10,725,431	1,308,814	1,376,445	2,685,259	13,410,690	158,258	31,947	896,457	2,491,226	
Passengers carried .....	655,814	26,806	23,632	50,438	706,252	2,218,399	3,737,068	35,366,885	90,960,904	
Cargo carried .....	20,929,070	5,486,035	2,830,499	8,316,534	29,411,218(8)	2,622,686	3,991,208	41,367,722	107,520,471	
Goods carried .....	25,990,811	5,811,784	2,951,233	8,763,017	34,753,828	595,901,409	3,991,208	41,367,722	107,520,471	
Passenger-miles(6) .....	582,352,645	12,269,292	1,279,472	13,548,764	595,901,409	17,421,947	..	..	..	
Goods ton-miles(6) .....	16,548,081	826,418	47,448	873,866	17,421,947	..	..	..	..	
Non-revenue:										
Hours flown .....	1,688	1,234	1,006	2,240	3,928	4	10	3,942	10,446	
Passengers carried .....	4,998	125	22	147	5,145	2,870	971	8,986	23,022	
Goods carried .....	265,834	34,877	2,449	37,326	303,160	58,096	83,065	444,321	1,298,636	
Passenger-miles .....	29,805,845	149,056	4,793	153,849	29,959,694	130,780	735,312	30,825,786	80,833,609	
Goods ton-miles .....	640,569	23,779	210	23,989	664,558	2,324	620,266	1,287,148	3,106,059	
Fuel and oil consumed:										
Turbo fuel - Quantity .....	28,335,102	184,996	90,325	275,321	28,610,423	1,249,462	4,073,789	33,933,674	95,307,461	
Cost .....	3,919,800	40,271	29,598	69,869	3,989,669	171,202	610,507	4,771,378	13,350,076	
Gasoline - Quantity .....	1,182,692	775,931	331,468	1,107,399	2,290,091	139,051	-	2,429,142	4,967,558	
Cost .....	377,247	316,301	150,161	466,462	843,709	45,095	-	888,804	2,237,989	
Turbo oil - Quantity .....	7,701	41	24	65	7,766	223	78	8,067	19,119	
Cost .....	66,191	445	277	722	66,913	1,368	716	68,997	160,420	
Other oil - Quantity .....	11,507	12,095	5,929	18,024	29,531	-	-	29,531	79,015	
Cost .....	12,419	17,939	10,297	28,236	40,655	-	-	40,655	107,776	
Average number of employees:										
Pilots and co-pilots .....	1,778	535	452	987	2,765	..	..	..	..	
Other flight personnel .....	2,120	61	32	93	2,213	..	..	..	..	
General management .....	414	195	146	341	755	..	..	..	..	
Maintenance labour .....	4,762	588	436	1,024	5,786	..	..	..	..	
Aircraft & traffic servicing .....	7,610	185	79	264	7,874	..	..	..	..	
Other personnel .....	5,970	298	287	585	6,555	..	..	..	..	
Totals .....	22,654	1,862	1,432	3,294	25,948	619	788	27,355	27,072	
Salaries and wages paid:										
Pilots and co-pilots .....	2,235,280	426,331	286,558	712,889	2,948,169	..	..	..	..	
Other flight personnel .....	1,105,090	33,244	16,965	50,209	1,155,299	..	..	..	..	
General management .....	462,676	159,341	99,617	258,958	721,634	..	..	..	..	
Maintenance labour .....	3,049,743	321,323	204,849	526,172	3,575,915	..	..	..	..	
Aircraft & traffic servicing .....	4,319,568	70,224	31,417	101,641	4,421,209	..	..	..	..	
Other personnel .....	3,741,073	106,631	114,923	221,554	3,962,627	..	..	..	..	
Totals .....	14,913,430	1,117,094	734,329	1,871,423	16,784,853	389,975	466,662	17,641,490	51,953,099	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
March 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date	
	Group I	Group II (1)		Total	Group III (1)	Group IV			
		Total				Total			
dollars									
Operating revenues:									
Unit toll transportation:									
Passengers .....	31,090,397	1,376,353	32,466,750	221,373	128,266	349,639	32,816,389	90,011,704	
Express .....	556,143	38,560	594,703	5,769	5,518	11,287	605,990	1,720,590	
Freight .....	2,606,624	214,833	2,821,457	117,459	12,393	129,852	2,951,309	8,234,896	
Excess baggage .....	220,504	22,995	243,499	6,680	568	7,248	250,747	600,971	
Mail .....	1,751,582	200,575	1,952,157	93,079	27,751	120,830	2,072,987	5,989,107	
Total unit toll transportation ..	36,225,250	1,853,316	38,078,566	444,360	174,496	618,856	38,697,422	106,557,268	
Bulk transportation .....	75,704	608,188	683,892	1,564,668	970,295	2,534,963	3,218,855	8,013,633	
Total transportation .....	36,300,954	2,461,504	38,762,458	2,009,028	1,144,791	3,153,819	41,916,277	114,570,901	
Other flying services .....	3,130	40,953	44,083	437,950	316,664	754,614	798,697	1,931,307	
Total flying services .....	36,304,084	2,502,457	38,806,541	2,446,978	1,461,455	3,908,433	42,714,974	116,502,208	
Non-flying services .....	438,979	58,500	497,479	71,531	149,337	220,868	718,347	2,375,916	
Total operating revenues .....	36,743,063	2,560,957	39,304,020	2,518,509	1,610,792	4,129,301	43,433,321	118,878,124	
Operating expenses:									
Flying operations .....	9,153,017	904,511	10,057,528	1,017,566	774,114	1,791,680	11,849,208	34,720,142	
Maintenance .....	7,086,883	876,209	7,963,092	1,116,844	504,530	1,621,374	9,584,466	27,634,483	
General services and administration:									
Passenger service .....	3,763,587	128,180	3,891,767	..	..	..	..	..	
Aircraft and traffic servicing .....	5,695,333	366,032	6,061,365	..	..	..	..	..	
Promotion and sales .....	5,997,061	258,276	6,255,337	..	..	..	..	..	
General administration .....	1,636,848	252,605	1,889,453	..	..	..	..	..	
Totals .....	17,092,829	1,005,093	18,097,922	538,683	369,200	907,883	19,005,805	55,928,479	
Depreciation and amortization .....	3,632,565	223,922	3,856,487	314,580	197,227	511,807	4,368,294	12,991,202	
Total operating expenses .....	36,965,294	3,009,735	39,975,029	2,987,673	1,845,071	4,832,744	44,807,773	131,274,306	
Operating income (loss) .....	Dr. 222,231	Dr. 448,778	Dr. 671,009	Dr. 469,164	Dr. 234,279	Dr. 703,443	Dr. 1,374,452	Dr. 12,396,182	
Non-operating income - Net:									
Capital gains and losses .....	-	40,168	40,168	295,831	11,636	307,467	347,635	450,241	
Interest and discounts .....	545,119	15,171	560,290	18,286	530	17,756	578,046	1,707,877	
Miscellaneous non-operating income ..	Dr. 71,724	Dr. 3,607	Dr. 75,331	129,796	7,649	137,445	62,114	68,879	
Income before interest expense .....	251,164	Dr. 397,046	Dr. 145,882	Dr. 25,251	Dr. 215,524	Dr. 240,775	Dr. 386,657	Dr. 10,169,185	
Interest expense .....	1,710,328	149,059	1,859,387	129,710	60,755	190,465	2,049,652	5,709,933	
Income before income taxes .....	Dr. 1,459,164	Dr. 546,105	Dr. 2,005,269	Dr. 154,961	Dr. 276,279	Dr. 431,240	Dr. 2,436,509	Dr. 15,879,118	
Provision for income taxes .....	-	-	-	36,266	9,782	46,048	46,048	3,689	
Net income after income taxes .....	Dr. 1,459,164	Dr. 546,105	Dr. 2,005,269	Dr. 191,227	Dr. 286,061	Dr. 477,288	Dr. 2,482,557	Dr. 15,882,807	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

March 1968

- 11 -

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	24,280,379	6,810,018	179,368	642,165	313,734	241,086	32,466,750	89,065,608
Express .....	506,307	49,836	7,267	22,951	-	8,342	594,703	1,693,244
Freight .....	2,003,119	603,505	68,983	77,797	47,470	20,583	2,821,457	7,840,338
Excess baggage .....	117,291	103,213	3,161	13,464	5,758	612	243,499	580,684
Mail .....	1,227,584	523,998	85,367	62,355	23,860	28,993	1,952,157	5,654,306
Total unit toll transportation ..	28,134,680	8,090,570	344,146	818,732	390,822	299,616	38,078,566	104,834,180
Bulk transportation .....	75,704	-	137,958	338,977	2,314	128,939	683,892	1,687,150
Total transportation .....	28,210,384	8,090,570	482,104	1,157,709	393,136	428,555	38,762,458	106,521,330
Other flying services .....	3,130	-	40,953	-	-	-	44,083	129,996
Total flying services .....	28,213,514	8,090,570	523,057	1,157,709	393,136	428,555	38,806,541	106,651,326
Non-flying services .....	353,886	85,093	19,285	-	2,539	36,676	497,479	1,568,078
Total operating revenues .....	28,567,400	8,175,663	542,342	1,157,709	395,675	465,231	39,304,020	108,219,404
Operating expenses:								
Flying operations .....	6,398,854	2,754,163	180,611	393,546	180,548	149,806	10,057,528	29,083,791
Maintenance .....	5,943,929	1,142,954	218,986	336,750	155,114	165,359	7,963,092	23,414,243
General services and administration:								
Passenger service .....	2,926,581	837,006	21,378	67,862	18,358	20,582	3,891,767	11,456,579
Aircraft and traffic servicing .....	4,709,843	985,490	118,815	175,747	39,248	32,222	6,061,365	17,850,820
Promotion and sales .....	4,304,069	1,692,992	28,781	95,476	74,997	59,022	6,255,337	18,237,662
General administration .....	1,260,401	376,447	40,260	108,743	59,017	44,585	1,889,453	5,499,253
Totals .....	13,200,894	3,891,935	209,234	447,828	191,620	156,411	18,097,922	53,044,314
Depreciation and amortization .....	3,478,970	153,595	54,792	144,143	6,838	18,149	3,856,487	11,546,405
Total operating expenses .....	29,022,647	7,942,647	663,623	1,322,267	534,120	489,725	39,975,029	117,088,753
Operating income (loss) .....	Dr. 455,247	233,016	Dr. 121,281	Dr. 164,558	Dr. 138,445	Dr. 24,494	Dr. 671,009	8,869,349
Non-operating income - Net:								
Capital gains and losses .....	-	-	1,882	38,286	-	-	40,168	57,342
Interest and discounts .....	466,389	787,730	5,683	9,488	-	-	560,290	1,651,731
Miscellaneous non-operating income ..	Dr. 39,183	Dr. 32,541	-	931	Dr. 1,210	Dr. 3,328	Dr. 75,331	155,815
Income before interest expense .....	Dr. 28,041	279,205	Dr. 113,716	Dr. 115,853	Dr. 139,655	Dr. 27,822	Dr. 145,882	Dr. 7,316,091
Interest expense .....	1,355,328	355,000	39,312	83,430	22,907	3,410	1,859,387	5,238,654
Income before income taxes .....	Dr. 1,383,369	Dr. 75,795	Dr. 153,028	Dr. 199,283	Dr. 162,562	Dr. 31,232	Dr. 2,005,269	Dr. 12,554,745
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 1,383,369	Dr. 75,795	Dr. 153,028	Dr. 199,283	Dr. 162,562	Dr. 31,232	Dr. 2,005,269	Dr. 12,554,745

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

March 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	15,784	2,494	18,278	1,130	1,608	1,436	862	5,036	23,314
Hours flown .....	23,539	5,236	28,775	1,094	1,624	1,223	971	4,912	33,687
Miles scheduled .....	7,489,303	1,974,673	9,463,976	48,386	288,429	192,184	126,180	655,179	10,119,155
Miles flown:									
Scheduled - Regular .....	7,295,776	1,961,282	9,257,058	40,915	284,808	171,619	125,115	622,457	9,879,515
Extra sections .....	314,421	20,774	335,195	4,244	6,091	102	-	10,437	345,632
Non-scheduled .....	-	-	-	107,478	18,355	21,888	28,698	176,419	176,419
Totals .....	7,610,197	1,982,056	9,592,253	152,637	309,254	193,609	153,813	809,313	10,401,566
Ratio of regular miles flown to miles scheduled .....	97.4	99.3	97.8	84.6	98.7	89.3	99.2	95.0	97.6
Passengers carried .....	514,634	77,740	592,374	6,682	28,976	13,163	8,886	57,707	650,081
Goods carried:									
Freight .....	11,628,824	1,908,040	13,536,864	1,172,538	559,710	205,928	134,922	2,073,098	15,609,962
Express .....	1,392,483	132,792	1,525,275	22,963	94,380	-	26,119	143,462	1,668,737
Excess baggage(2) .....	-	4,826	4,826	12,130	68,102	31,360	5,111	116,703	121,529
Mail .....	3,790,984	429,162	4,220,146	308,311	212,440	126,883	72,432	720,066	4,940,212
Totals .....	16,812,291	2,474,820	19,287,111	1,515,942	934,632	364,171	238,584	3,053,329	22,340,440
Passenger-miles:									
Scheduled .....	430,272,989	131,627,535	561,900,524	514,597	6,977,034	3,567,474	2,720,782	13,779,887	575,680,411
Non-scheduled .....	-	-	-	1,387,938	81,915	259,028	181,244	1,910,125	1,910,125
Totals .....	430,272,989	131,627,535	561,900,524	1,902,535	7,058,949	3,826,502	2,902,026	15,690,012	577,590,536
Available seat-miles on scheduled services .....	746,348,219	278,041,316	1,024,389,535	1,327,053	18,497,608	5,949,626	6,526,468	32,300,755	1,056,690,290
Passenger load factor on scheduled services .....	57.7	47.3	54.9	38.8	37.7	60.0	41.7	42.7	54.5
Goods ton-miles:									
Freight - Scheduled .....	9,193,655	2,750,954	11,944,609	18,575	174,094	35,234	24,896	252,799	12,197,408
Non-scheduled .....	-	-	-	116,926	536	6,793	3,819	128,074	128,074
Totals .....	9,193,655	2,750,954	11,944,609	135,501	174,630	42,027	28,715	380,873	12,325,482
Express - Scheduled .....	541,583	59,666	601,249	1,027	27,232	-	4,812	33,071	634,320
Non-scheduled .....	-	-	-	2,999	-	-	342	3,341	3,341
Totals .....	541,583	59,666	601,249	4,026	27,232	-	5,154	36,412	637,661

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

March 1968

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled	No.	9,194	9,194	474	10,726	5,367	558	17,125	26,319
Non-scheduled	"	-	-	2,992	577	776	7	4,352	4,352
Totals(2)	"	9,194	9,194	3,466	11,303	6,143	565	21,477	30,671
Mail - Scheduled	2,079,876	533,404	2,613,280	8,187	64,144	5,911	8,574	86,816	2,700,096
Non-scheduled	"	-	-	42,492	4,343	4,311	51,275	51,275	51,275
Totals	2,079,876	533,404	2,613,280	50,679	68,487	10,254	12,885	138,091	2,751,371
Total - Scheduled	11,815,114	3,353,218	15,168,332	28,263	276,196	46,512	38,840	389,811	15,558,143
Non-scheduled	"	-	-	165,409	1,242	11,912	8,479	187,042	187,042
Totals	11,815,114	3,353,218	15,168,332	193,672	277,438	58,424	47,319	576,853	15,745,185
Available ton-miles on scheduled services	114,706,958	40,996,264	155,703,222	150,723	2,315,864	597,362	774,600	3,838,549	159,541,771
Weight load factor on scheduled services(3)	47.8	40.3	45.8	52.9	42.1	67.5	40.1	46.1	45.8
Bulk:									
Departures	No.	97	97	801	329	8	138	1,276	1,373
Hours flown	166	-	166	884	494	8	411	1,797	1,963
Miles flown	40,792	-	40,792	94,430	116,086	827	71,730	283,073	323,865
Passengers carried	1,508	-	1,508	1,471	1,905	104	745	4,223	5,733
Freight carried	"	-	-	385,715	2,732,530	-	532,126	3,650,371	3,650,371
Passenger-miles(4)	688,670	-	688,670	167,934	3,063,572	21,270	820,663	4,073,439	4,762,109
Goods ton-miles(4)	-	-	-	21,716	571,740	-	209,440	802,896	802,895
Revenue non-transportation services:									
Specialty flying - Hours flown	17	-	17	276	-	-	-	276	293
Total - All services:									
Traffic, hours and miles(5)									
Revenue:									
Departures	15,881	2,494	18,375	1,931	1,937	1,444	1,000	6,312	24,687
Hours flown	23,722	5,236	28,958	2,254	2,118	1,231	1,382	6,985	35,943
Miles flown	7,650,989	1,982,056	9,633,045	247,067	425,340	194,436	225,543	1,092,386	10,725,431
Passengers carried	516,142	77,740	593,882	8,153	30,881	13,267	9,631	61,932	655,814
Cargo carried	13,021,507	2,040,832	15,062,339	1,581,216	3,386,620	205,928	693,167	5,866,931	20,929,070
Goods carried	16,812,291	2,474,820	19,287,111	1,901,657	3,667,162	364,171	770,710	6,703,700	25,990,811
Passenger-miles(4)	430,961,659	131,627,535	562,589,194	2,070,469	10,122,521	3,847,772	3,722,689	19,763,451	582,352,645
Goods ton-miles(4)	11,815,114	3,353,218	15,168,332	215,388	849,178	58,424	256,759	1,379,749	16,548,081

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

March 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown ..... No.	912	378	1,290	130	144	71	53	398	1,688
Passengers carried ..... "	..	3,718	3,718	300	657	145	178	1,280	4,998
Goods carried ..... lb.	..	213,053	213,053	19,451	23,993	-	9,337	52,781	265,834
Passenger-miles ..... No.	21,680,881	7,781,879	29,462,760	103,303	179,061	-	60,721	343,085	29,805,845
Goods ton-miles ..... "	613,191	10,000	623,191	5,355	9,354	-	2,669	17,378	640,569
Fuel and oil consumed:									
Turbo fuel - Quantity ..... gal.	21,351,061	6,225,209	27,576,270	88,424	416,512	192,565	61,331	758,832	28,335,102
Cost ..... \$	2,830,983	935,627	3,766,610	19,453	81,432	40,439	11,866	153,190	3,919,800
Gasoline - Quantity ..... gal.	-	563,332	563,332	113,291	299,592	26,010	180,467	139,360	1,182,692
Cost ..... \$	-	166,461	166,461	38,927	97,291	8,583	65,985	210,786	377,247
Turbo oil - Quantity ..... gal.	5,903	431	6,334	52	222	1,087	6	1,367	7,701
Cost ..... \$	54,347	4,313	58,660	780	2,886	3,805	60	7,531	66,191
Other oil - Quantity ..... gal.	-	4,664	4,664	1,742	3,402	537	1,162	6,843	11,507
Cost ..... \$	-	4,447	4,447	2,057	4,082	429	1,404	7,972	12,419
Average number of employees:									
Pilots and co-pilots ..... No.	1,146	367	1,513	67	100	54	44	265	1,778
Other flight personnel ..... "	1,540	429	1,969	16	82	21	32	151	2,120
General management ..... "	86	119	205	23	113	53	20	209	414
Maintenance labour ..... "	3,367	738	4,105	214	214	120	109	657	4,762
Aircraft and traffic servicing ..... "	5,645	1,480	7,125	114	150	133	88	485	7,610
Other personnel ..... "	4,798	1,014	5,812	51	48	11	48	158	5,970
Total employees ..... "	16,582	4,147	20,729	485	707	392	341	1,925	22,654
Salaries and wages:									
Pilots and co-pilots ..... \$	1,521,622	483,553	2,005,175	54,100	94,069	44,044	37,892	230,105	2,235,280
Other flight personnel ..... \$	805,619	253,903	1,059,522	5,176	21,245	8,267	10,880	45,568	1,105,090
General management ..... \$	187,805	123,433	311,238	23,033	68,711	35,322	22,812	149,438	462,676
Maintenance labour ..... \$	2,206,500	463,666	2,670,166	96,217	156,814	69,483	57,063	379,577	3,049,743
Aircraft and traffic servicing ..... \$	3,327,352	759,188	4,086,540	45,992	94,535	61,241	31,260	233,028	4,319,568
Other personnel ..... \$	3,183,801	489,563	3,673,364	19,477	19,098	8,104	21,030	67,709	3,741,073
Total salaries and wages ..... \$	11,232,699	2,575,306	13,808,005	243,995	454,032	226,461	180,937	1,105,425	14,913,430

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

March 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	444,300	64,826	4,828	28,184	13,163	8,737	564,038
Domestic interline .....	70,334	7,046	1,807	-	-	-	84,962
Foreign interline .....		5,775	-	-	-	-	
Totals(2) .....	514,634	77,647	6,635	28,184	13,163	8,737	649,000
<b>Express carried:</b>							
Originated .....	1,392,483	132,792	22,922	94,380	-	26,119	1,668,696
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,392,483	132,792	22,922	94,380	-	26,119	1,668,696
<b>Freight carried:</b>							
Originated .....	11,628,824	1,521,055	1,131,528	511,819	205,928	113,616	15,112,770
Domestic interline .....	-	25,285	-	-	-	-	25,285
Foreign interline .....	-	99,730	-	-	-	-	99,730
Totals(2) .....	11,628,824	1,646,070	1,131,528	511,819	205,928	113,616	15,237,785
<b>Excess baggage carried:</b>							
Originated .....	..	4,826	12,130	58,698	31,360	5,111	112,125(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	4,826	12,130	58,698	31,360	5,111	112,125(3)
<b>Mail carried:</b>							
Originated .....	3,790,984	429,162	242,302	210,423	126,883	46,836	4,846,590
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	3,790,984	429,162	242,302	210,423	126,883	46,836	4,846,590

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

March 1968

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,115	711	1,343	203	4,372	13,906	18,278
Hours flown .....	2,886	2,981	3,922	1,210	10,999	17,776	28,775
Miles scheduled .....	771,178	1,408,256	1,510,656	582,265	4,272,355	5,191,621	9,463,976
Miles flown:							
Scheduled - Regular .....	725,253	1,399,169	1,508,607	578,044	4,211,073	5,045,985	9,257,058
Extra sections .....	28,408	-	135,369	20,010	183,787	151,408	335,195
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	753,661	1,399,169	1,643,976	598,054	4,394,860	5,197,393	9,592,253
Ratio of regular miles flown to miles scheduled .....	94.0	99.4	99.9	99.3	98.6	97.2	97.8
Passengers carried .....	No.	..	..	..	218,298	374,076	592,374
Cargo carried .....	lb.	..	..	..	6,302,391	8,764,574	15,066,965
Mail carried .....	..	..	..	..	757,924	3,462,222	4,220,146
Passenger-miles .....	No.	34,696,608	136,856,349	46,266,204	296,695,369	265,205,155	561,900,524
Available seat-miles on scheduled services	"	69,453,051	173,587,760	101,483,069	563,183,028	461,206,507	1,024,389,535
Passenger load factor on scheduled services		50.0	45.4	62.6	45.6	52.7	54.9
Goods ton-miles:							
Express .....	34,636	-	-	-	34,636	566,613	601,249
Freight .....	485,102	3,973,233	974,571	1,029,592	6,462,498	5,482,111	11,944,609
Excess baggage .....	2,651	3,047	3,047	3,230	8,943	251	9,194
Mail .....	43,505	397,799	213,056	310,951	965,311	1,647,969	2,613,280
Totals .....	563,238	4,373,683	1,190,674	1,343,773	7,471,388	7,696,944	15,168,332
Available ton-miles on scheduled service ....	9,685,629	29,157,596	30,996,744	15,729,918	85,569,887	70,133,335	155,703,222
Weight load factor on scheduled services(1)	41.6	42.1	48.0	38.0	43.4	48.8	45.8
Bulk:							
Departures .....	254	-	24	-	278	...	...
Hours flown .....	491	-	104	-	595	...	...
Miles flown .....	100,512	-	34,933	-	135,445	...	...
Passengers carried .....	3,421	-	1,326	-	4,747	...	...
Goods carried .....	20,126	-	-	-	20,126	...	...
Passenger-miles(2) .....	2,384,309	-	3,236,580	-	5,620,889	...	...
Goods ton-miles(2) .....	3,520	-	-	-	3,520	...	...
Total:							
Departures .....	2,369	711	1,367	203	4,650	...	...
Hours flown .....	3,377	2,981	4,026	1,210	11,594	...	...
Miles flown .....	854,173	1,399,169	1,678,909	598,054	4,530,305	...	...
Passengers carried .....	..	..	..	..	223,045	...	...
Goods carried .....	..	..	..	..	7,080,441	...	...
Passenger-miles(2) .....	37,080,917	78,876,208	140,092,929	46,266,204	302,316,258	...	...
Goods ton-miles(2) .....	566,778	4,373,683	1,190,674	1,343,773	7,474,908	...	...

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

March 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	147,174	158,761	305,935	18,296	26,312	44,608
Bulk ..... "	952	681	1,633	1,151	1,109	2,260
Totals ..... "	148,126	159,442	307,568	19,447	27,421	46,868
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,251,015	4,095,212	5,346,227	1,550,047	4,140,453	5,690,500
Bulk ..... "	-	-	-	-	1,126	1,126
Totals ..... "	1,251,015	4,095,212	5,346,227	1,550,047	4,141,579	5,691,626
Mail carried (unit toll) ..... "	256,814	414,545	671,359	214,132	249,064	463,196
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	21,145	29,474	50,619	186,615	214,547	401,162
Bulk ..... "	-	-	-	2,103	1,790	3,893
Totals ..... "	21,145	29,474	50,619	188,718	216,337	405,055
Freight, express and excess baggage carried:						
Unit toll ..... lb.	406,829	421,459	828,288	3,207,891	8,657,124	11,865,015
Bulk ..... "	-	-	-	-	1,126	1,126
Totals ..... "	406,829	421,459	828,288	3,207,891	8,658,250	11,866,141
Mail carried (unit toll) ..... "	129,458	113,318	242,776	600,404	776,927	1,377,331
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	97,143	116,520	213,663	89,472	98,027	187,499
Bulk ..... "	683	504	1,187	1,420	1,286	2,706
Totals ..... "	97,826	117,024	214,850	90,892	99,313	190,205
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,802,027	4,108,447	5,910,474	1,405,864	4,548,677	5,954,541
Bulk ..... "	-	-	-	-	1,126	1,126
Totals ..... "	1,802,027	4,108,447	5,910,474	1,405,864	4,549,803	5,955,667
Mail carried (unit toll) ..... "	388,593	330,511	719,104	211,811	446,416	658,227

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

March 1968

Type of service:	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	11,595	230,750	30,945	633,138	968	59,435	2,387	173,317
Recreational flying .....	1,780	34,175	3,583	68,586	37	4,635	226	26,761
Aerial photography and survey(1) ...	723	31,727	1,688	83,634	338	41,261	402	54,206
Aerial photography .....	11	648	38	1,619	4	410	5	560
Aerial inspection, reconnaissance and advertising(2) .....	949	130,986	2,702	341,711	401	152,197	1,049	290,592
Aerial application & distribution(3) ..	173	7,727	173	7,727	1	62	1	62
Aerial control .....	86	4,376	86	4,376	1	300	2	400
Aerial construction .....	-	-	-	-	1	465	1	465
Air ambulance and mercy services ...	6	642	11	1,236	5	1,611	5	1,611
Aircraft rental .....	1,392	27,149	3,830	72,244	80	6,000	239	18,000
Non-transportation charter .....	92	39,817	196	66,547	4	708	17	2,989
Totals .....	16,807	507,997	43,252	1,280,818	1,840	267,084	4,334	568,963

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

March 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 20	...	10	...	30	...
Helicopters - Owned .....	" 234	237	43	44	277	281
Leased .....	" 17	17	1	1	18	18
Totals .....	" 251	254	44	45	295	299
Revenue hours flown - Unit toll .....	" -	-	-	1	-	1
Bulk .....	" 4,311	10,446	228	497	4,539	10,943
Specialty .....	" 1,567	3,464	273	870	1,840	4,334
Totals .....	" 5,878	13,910	501	1,368	6,379	15,278
Non-revenue hours flown .....	" 640	1,715	83	200	723	1,915
Fuel and oil consumed:						
Gasoline .....	gal. 152,943	321,326	7,990	22,822	160,933	344,148
Cost .....	\$ 67,223	143,644	3,774	10,976	70,997	154,620
Oil .....	gal. 3,261	6,074	99	365	3,360	6,439
Cost .....	\$ 5,879	11,060	166	658	6,045	11,718
Average number of employees:						
Pilots .....	No. 217	216	14	14	231	230
Administrative .....	" 121	120	1	1	122	121
Maintenance labour .....	" 257	248	8	9	265	257
Other personnel .....	" 18	17	-	-	18	17
Totals .....	" 613	601	23	24	636	625
Salaries and wages:						
Pilots .....	\$ 167,455	479,390	9,106	26,148	176,561	505,538
Administrative .....	\$ 78,778	234,752	500	1,500	79,278	236,252
Maintenance labour .....	\$ 150,337	418,931	3,415	13,031	153,752	431,962
Other personnel .....	\$ 7,994	21,797	-	-	7,994	21,797
Totals .....	\$ 404,564	1,154,870	13,021	40,679	417,585	1,195,549

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
March 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	667,991	1,541,950
Total transportation .....	667,991	1,541,950
Other flying services .....	245,144	479,834
Total flying services .....	913,135	2,021,784
Non-flying services .....	24,901	106,183
Total operating revenues .....	938,036	2,127,967
Operating expenses:		
Flying operations .....	434,427	1,367,129
Maintenance .....	624,728	1,313,364
General service and administration .....	158,756	418,958
Depreciation and amortization .....	133,364	394,040
Total operating expenses .....	1,351,275	3,493,491
Operating income (deficit) .....	Dr. 413,240	Dr. 1,365,524
Non-operating income:		
Capital gains and losses .....	Dr. 13,644	5,108
Interest and discounts .....	776	813
Miscellaneous non-operating income .....	527	1,302
Income before interest expense .....	Dr. 425,581	Dr. 1,358,301
Interest expense .....	25,861	84,622
Income before income taxes .....	Dr. 451,442	Dr. 1,442,923
Provision for income taxes .....	300	900
Net income after income taxes .....	Dr. 451,742	Dr. 1,443,823

TABLE 11. Operating Statistics, Canadian Group V Carriers  
March 1968

	Quarter	Year to date
Reporting carriers .....	No. 259	
Transportation:		
Hours flown .....	" 11,997	
Passengers carried .....	" 25,709	
Goods carried .....	1b. 1,688,123	
Specialty flying services:		
Flying training .....	hr. 43,769	
Recreational flying .....	" 6,091	
Aerial photography and survey(1) .....	" 186	
Aerial photography .....	" 79	
Aerial inspection, reconnaissance and advertising(2) .....	" 1,851	
Aerial application and distribution(3) .....	" 134	
Aerial control .....	" -	
Aerial construction .....	" -	
Air ambulance and mercy services .....	" 15	
Aircraft rental .....	" 5,759	
Non-transportation charter .....	" 195	
Totals .....	" 58,079	
Total - All services:		
Revenue hours flown .....	No. 70,734	
Non-revenue hours flown .....	" 2,657	

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air: Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

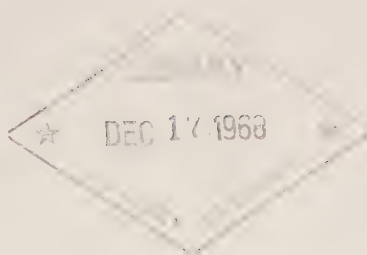
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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

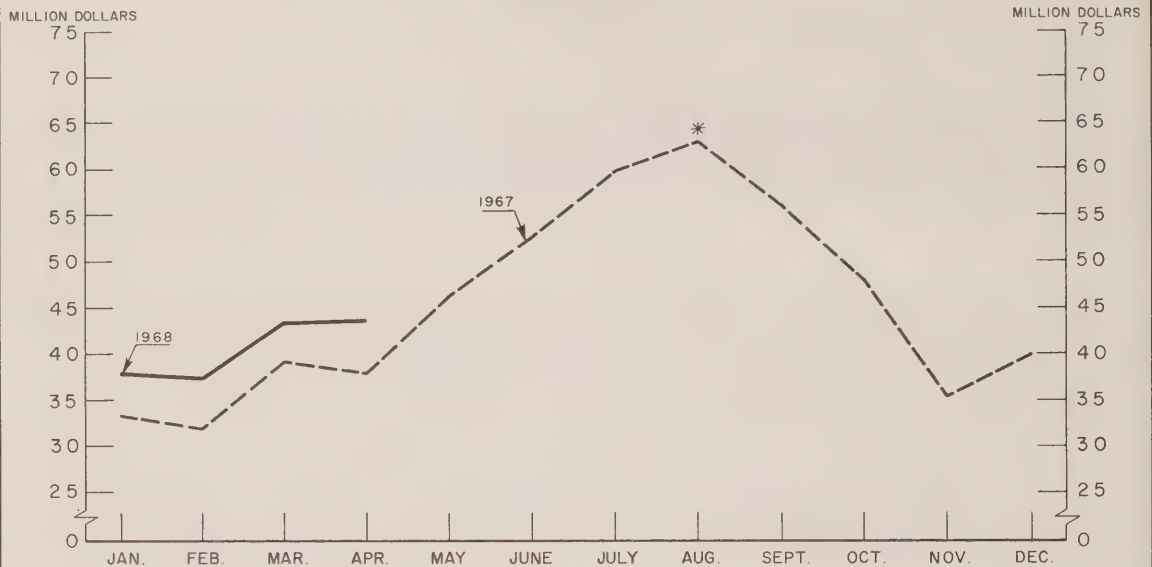
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

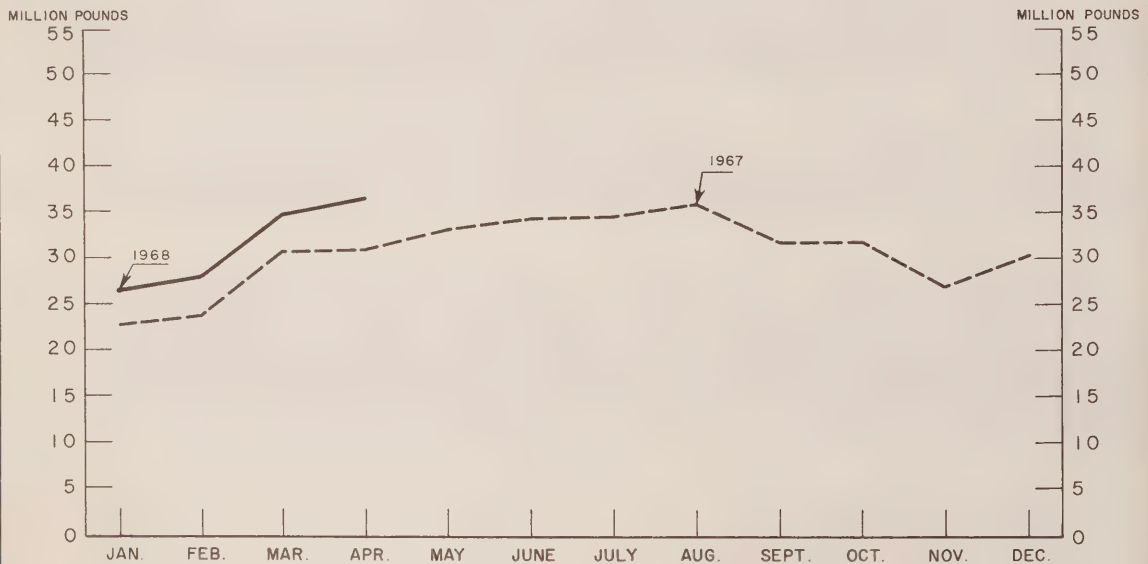
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



\*ALL TIME HIGH FOR A SINGLE MONTH

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF APRIL OPERATIONS

(April 1967 figures in brackets)

In April, operations of Canadian carriers showed further increases above the level of the same month of 1967. For transportation services, 10.7 per cent increase in passengers carried, to 696,422 (628,872) was reported. Goods carried were up 17.6 per cent in weight, at 18,156 (15,442) tons while goods ton-miles were up 22.9 per cent to 17,285,143 (14,058,993). Revenue passenger-miles showed an increase of 17.9 per cent to 580,812,282 (492,422,569). For all services, revenue miles flown rose 17.1 per cent to 13,274,840 (11,334,313).

Total operating revenues of \$43,512,779 (\$37,778,541) showed a gain of 15.2 per cent, while operating expenses were also 15.2 per cent higher at \$45,771,396 (\$39,727,576). As a result, the overall operating loss was \$2,258,617 (\$1,949,035) and the net deficit after taxes, \$3,727,056 (\$3,065,632).

The nineteen (16) carriers operating helicopters exclusively flew 8,475 (7,774) revenue flying hours using 254 (192) helicopters. They reported operating revenues of \$1,353,566 (\$1,046,261) and expenses of \$1,374,055 (\$1,062,149). Eleven (14) carriers operating helicopters as well as fixed-wing aircraft reported 483 (391) revenue hours flown with 45 (41) helicopters.

During April, the six scheduled carriers transported 649,390 (582,302) revenue passengers or 93.2 (92.6) per cent of the total for Canadian carriers, and 13,683 (11,558) tons of revenue goods, or 74.7 (74.8) per cent of the total weight of revenue goods carried. Operating revenues of \$38,653,868 (\$33,757,226) and expenses of \$40,156,041 (\$35,501,047) reported by the scheduled carriers were 88.8 (89.4) per cent and 87.7 (89.4) per cent respectively of totals reported by all Canadian carriers.

In April, on international scheduled services, Canadian carriers transported 190,823 (175,868) revenue passengers, or 29.1 (29.8) per cent of the total carried on unit toll services. Passenger-miles totaled 272,266,945 (228,907,313) for these services, accounting for 48.4 (44.2) per cent of Canadian carriers' unit toll passenger-miles. By area of service, the proportional breakdown of international passenger-miles is shown in the table below.

<u>Area</u>	<u>Percentage</u>
Transborder .....	16.7
Trans-Atlantic and Polar .....	38.7
Southern .....	31.3
Pacific and Orient .....	13.3
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 185,663 (155,246) revenue passengers and 3,043 (2,918) tons of revenue goods into and out of Canada, showing increases of 19.6 per cent and 4.3 per cent respectively over April of 1967.

### Cumulative Data, Year-to-Date

In the four months of 1968, Canadian air carriers transported 2,676,268 (2,436,062) passengers, up 9.9 per cent over the first four months of 1967. Weight of revenue goods carried was 16.3 per cent higher at 62,774 (53,966) tons. Revenue miles flown increased 16.6 per cent to 50,736,665 (43,495,828). Operating revenues totaled \$162,390,903 (\$142,101,434), up 14.3 per cent, while expenses of \$177,045,702 (\$154,236,509) were 14.8 per cent higher. The consequent operating loss was \$14,654,799 (\$12,135,075) and the net deficit after taxes, \$19,609,863 (\$15,872,106).

Foreign carriers operating scheduled services in Canada reported an increase of 29.6 per cent in number of passengers carried to 699,255 (539,550) and 19.3 per cent increase in weight of goods carried, to 12,186 (10,217) tons for the first four months of 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

April 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	29	89	118	124	11	11	146	...
Revenue transportation services:									
Unit toll:									
Departures .....	23,866	5,294	3,325	8,619	32,485	..	..	..	..
Hours flown .....	33,573	2,793	1,837	4,630	38,203	547	1,690	40,440	155,997
Miles scheduled .....	9,987,765	...	...	...	9,987,765	192,214	675,611	10,855,590	42,404,342
Miles flown(4)									
Scheduled .....	10,190,987	...	...	...	10,190,987	190,179	669,989	11,051,155	42,607,722
Non-scheduled .....	190,785	374,711	270,635	645,346	836,131	-	-	836,131	3,007,858
Totals .....	10,381,772	374,711	270,635	645,346	11,027,118	190,179	669,989	11,887,286	45,615,580
Passengers carried .....	642,309	8,778	5,490	14,268	656,577	150,781	34,882	842,240	3,218,742
Goods carried:									
Cargo .....	17,441,687	554,742	152,906	707,648	18,149,335	2,147,698	3,300,698	23,790,250	90,161,217
Excess baggage(5) .....	138,601	44,304	9,614	53,918	192,519	..	..	..	..
Mail .....	4,761,992	278,941	115,397	394,338	5,156,330	365,773	271,769	5,793,872	22,353,439
Totals .....	22,342,280	877,987	277,917	1,155,904	23,498,184	2,513,471	3,572,467	29,584,122	112,514,656
Passenger-miles .....	559,314,929	1,918,952	892,013	2,810,965	562,125,894	6,556,571	29,146,829	597,829,294	2,255,229,037
Goods ton-miles:									
Cargo .....	12,525,285	195,142	13,575	208,717	12,734,002	51,935	1,220,534	14,087,886	57,025,515
Excess baggage(5) .....	71,102	9,918	395	10,313	81,415	..	..	..	..
Mail .....	2,541,451	70,335	12,307	82,642	2,624,093	8,047	114,928	2,747,068	11,102,157
Totals .....	15,137,838	275,395	26,277	301,672	15,439,510	59,982	1,335,462	16,834,954	68,127,672
Bulk:									
Departures .....	1,185	7,004	10,697	17,701	18,886	..	..	..	..
Hours flown .....	1,875	10,922	9,795	20,717	22,592	3	26	22,621	78,204
Miles flown .....	418,224	831,865	997,633	1,829,498	2,247,722	1,146	12,388	2,261,256	8,253,610
Passengers carried .....	7,081	16,141	16,623	32,764	39,845	506	1,706	42,057	156,781
Freight carried .....	5,024,456	5,578,237	2,211,172	7,789,409	12,813,865	..	..	12,813,865	37,403,802
Passenger-miles(6) .....	7,583,362	10,355,520	747,506	11,103,026	19,686,388	..	..	..	..
Goods ton-miles(6) .....	1,130,791	674,069	40,773	714,842	1,845,633	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	256	8,435	12,189	20,624	20,880	-	-	20,880	68,466

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

April 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers				Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
	Groups I and II(1)	Group III(1)	Group IV	Total					
Total - All services:									
Revenue:									
Traffic, miles and hours:(7)									
Departures .....	25,051	12,298	14,022	26,320	51,371	..	..	83,941	302,667
Hours flown .....	35,704	22,150	23,821	45,971	81,675	550	1,716	14,148,542	53,869,190
Miles flown .....	10,799,996	1,206,576	1,268,268	2,474,844	13,274,840	191,325	682,377	884,297	3,375,523
Passengers carried .....	649,390	24,919	22,113	47,032	696,422	151,287	36,588	36,411,596	127,372,500
Cargo carried .....	22,466,143	6,132,979	2,364,078	8,497,057	31,155,719(8)	2,147,698	3,300,698	42,397,987	149,918,458
Goods carried .....	27,366,791	6,456,224	2,489,089	8,945,313	36,312,049	2,513,471	3,572,467	..	..
Passenger-miles(6) .....	566,898,291	12,274,472	1,639,519	13,913,991	580,812,282	..	..	..	..
Goods ton-miles(6) .....	16,268,629	949,464	67,050	1,016,514	17,285,143	..	..	..	..
Non-revenue:									
Hours flown .....	1,787	909	1,121	2,030	3,817	6	30	3,853	14,299
Passengers carried .....	4,737	172	58	230	4,967	2,837	1,149	8,953	31,975
Goods carried .....	266,689	39,355	5,519	44,874	311,563	37,571	91,396	440,530	1,739,166
Passenger-miles .....	37,280,431	26,827	10,129	36,956	37,317,387	128,496	870,209	38,316,092	119,151,701
Goods ton-miles .....	894,979	9,362	523	9,885	904,864	856	28,459	934,179	4,040,238
Fuel and oil consumed:									
Turbo fuel - Quantity .....	27,406,784	188,670	98,963	287,633	27,694,417	1,066,405	4,359,125	33,119,947	128,427,408
Cost .....	3,889,792	41,443	35,329	76,772	3,966,564	186,905	695,467	4,848,936	18,179,012
Gasoline - Quantity .....	1,212,895	750,440	346,401	1,096,841	2,309,736	-	-	2,309,736	7,277,294
Cost .....	384,730	323,090	154,938	478,028	862,758	-	-	862,758	3,100,747
Turbo oil - Quantity .....	6,319	48	16	64	6,383	186	232	6,801	25,920
Cost .....	53,246	546	248	794	54,040	1,168	2,234	57,442	217,862
Other oil - Quantity .....	11,757	9,978	5,788	15,766	27,523	-	-	27,523	106,538
Cost .....	13,002	17,900	9,607	27,507	40,509	-	-	40,509	148,285
Average number of employees:									
Pilots and co-pilots .....	1,817	544	476	1,020	2,837	..	..	..	..
Other flight personnel .....	2,236	55	43	98	2,334	..	..	..	..
General management .....	410	194	155	349	759	..	..	..	..
Maintenance labour .....	4,784	561	458	1,019	5,803	..	..	..	..
Aircraft & traffic servicing .....	7,742	191	82	273	8,015	..	..	..	..
Other personnel .....	5,905	304	295	599	6,504	..	..	..	..
Totals .....	22,894	1,849	1,509	3,358	26,252	634	788	27,674	27,222
Salaries and wages paid:									
Pilots and co-pilots .....	2,426,590	434,719	314,758	749,477	3,176,067	..	..	..	..
Other flight personnel .....	1,147,489	32,640	20,364	53,004	1,200,493	..	..	..	..
General management .....	4,375,389	162,497	103,926	266,423	4,741,812	..	..	..	..
Maintenance labour .....	3,162,700	342,111	223,757	565,868	3,728,568	..	..	..	..
Aircraft & traffic servicing .....	4,381,147	78,237	31,471	109,708	4,490,855	..	..	..	..
Other personnel .....	3,737,514	112,330	127,417	239,747	3,977,261	..	..	..	..
Totals .....	15,330,829	1,162,534	821,693	1,984,227	17,315,056	371,118	481,797	18,167,971	70,121,070

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

April 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
		dollars						
Operating revenues:								
Unit toll transportation:								
Passengers .....	30,179,142	1,478,490	31,657,632	272,912	116,574	389,486	32,047,118	122,058,822
Express .....	546,395	35,062	581,457	7,250	3,789	11,039	592,496	2,313,086
Freight .....	2,510,179	235,981	2,746,160	123,763	14,432	138,195	2,884,355	11,119,251
Excess baggage .....	173,310	23,653	196,963	9,956	617	10,573	207,536	808,507
Mail .....	1,819,726	191,930	2,011,656	90,256	34,027	124,283	2,135,939	8,125,046
Total unit toll transportation ..	35,228,752	1,965,116	37,193,868	504,137	169,439	673,576	37,867,444	144,424,711
Bulk transportation:								
Passengers .....	120,333	754,848	875,181	1,870,243	1,011,994	2,882,237	3,757,418	11,771,051
Total transportation .....	35,349,085	2,719,964	38,069,049	2,374,380	1,181,433	3,555,813	41,624,862	156,195,763
Other flying services .....	8,224	49,611	57,835	548,314	423,240	971,554	1,029,389	2,960,696
Total flying services .....	35,357,309	2,769,575	38,126,884	2,922,694	1,604,673	4,527,367	42,654,251	159,156,459
Non-flying services .....	508,705	18,279	526,984	175,544	156,000	331,544	858,528	3,234,444
Total operating revenues .....	35,866,014	2,787,854	38,653,868	3,098,238	1,760,673	4,858,911	43,512,779	162,390,903
Operating expenses:								
Flying operations .....	9,141,960	880,930	10,022,890	1,461,429	872,068	2,333,497	12,356,387	47,076,529
Maintenance .....	7,124,372	792,581	7,916,953	1,062,543	589,462	1,652,005	9,568,958	37,203,441
General services and administration:								
Passenger service .....	3,868,522	145,942	4,014,464	..	..	..	..	..
Aircraft and traffic servicing .....	5,668,446	377,027	6,045,473	..	..	..	..	..
Promotion and sales .....	6,033,297	238,804	6,272,101	..	..	..	..	..
General administration .....	1,794,164	243,544	2,037,708	..	..	..	..	..
Totals .....	17,364,429	1,005,317	18,369,746	761,077	368,978	1,130,055	19,499,801	75,428,280
Depreciation and amortization .....	3,611,227	235,225	3,846,452	268,544	231,254	499,798	4,346,250	17,337,452
Total operating expenses .....	37,241,988	2,914,053	40,156,041	3,553,593	2,061,762	5,615,355	45,771,396	177,045,702
Operating income (loss) .....	Dr. 1,375,974	Dr. 126,199	Dr. 1,502,173	Dr. 455,355	Dr. 301,089	Dr. 756,444	Dr. 2,258,617	Dr. 14,654,799
Non-operating income - Net:								
Capital gains and losses .....	-	Dr. 2,475	Dr. 2,475	22,959	12,704	35,663	33,188	483,429
Interest and discounts .....	543,482	10,821	554,303	35,280	694	34,586	588,889	2,296,766
Miscellaneous non-operating income ..	Dr. 17,442	Dr. 2,365	Dr. 19,807	Dr. 37,667	Dr. 7,800	Dr. 29,867	Dr. 49,674	19,205
Income before interest expense .....	Dr. 849,934	Dr. 120,218	Dr. 970,152	Dr. 434,783	Dr. 281,279	Dr. 716,062	Dr. 1,686,214	Dr. 11,855,399
Interest expense .....	1,721,377	161,182	1,882,559	91,668	70,413	162,081	2,044,640	7,754,573
Income before income taxes .....	Dr. 2,571,311	Dr. 281,400	Dr. 2,852,711	Dr. 526,451	Dr. 351,692	Dr. 878,143	Dr. 3,730,854	Dr. 19,609,972
Provision for income taxes .....	-	-	-	Cr. 7,297	Cr. 3,499	Cr. 3,798	Cr. 3,798	Cr. 109
Net income after income taxes .....	Dr. 2,571,311	Dr. 281,400	Dr. 2,852,711	Dr. 519,154	Dr. 355,191	Dr. 874,345	Dr. 3,727,056	Dr. 19,609,863

(1) Group II non-scheduled carriers included with Group I

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

April 1968

- 11 -

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers .....	23,511,387	6,667,755	213,436	669,642	348,411	247,001	31,657,632	120,723,240
Express .....	503,084	43,311	5,610	21,894	-	7,588	581,457	2,474,701
Freight .....	1,892,345	617,834	62,056	100,253	51,677	21,995	2,746,160	10,586,498
Excess baggage .....	117,744	55,566	3,926	13,702	5,325	700	196,963	777,647
Mail .....	1,218,459	601,267	82,318	55,062	22,967	31,583	2,011,656	7,665,962
Total unit toll transportation ..	27,243,019	7,985,733	367,346	860,553	428,380	308,837	37,193,868	142,028,048
Bulk transportation .....	120,333	-	120,855	463,726	958	169,309	875,181	2,562,331
Total transportation .....	27,363,352	7,985,733	488,201	1,324,279	429,338	478,146	38,069,049	144,590,379
Other flying services .....	8,224	-	49,611	-	-	-	57,835	187,831
Total flying services .....	27,371,576	7,985,733	537,812	1,324,279	429,338	478,146	38,126,884	144,778,210
Non-flying services .....	413,346	95,359	17,021	-	2,160	3,418	526,984	2,095,062
Total operating revenues .....	27,784,922	8,081,092	554,833	1,324,279	427,178	481,564	38,653,868	146,873,272
Operating expenses:								
Flying operations .....	6,568,169	2,573,791	178,259	351,637	197,294	153,740	10,022,890	39,106,681
Maintenance .....	5,963,349	1,161,023	186,766	294,907	143,118	167,790	7,916,953	31,331,196
General services and administration:								
Passenger service .....	2,993,348	875,174	20,156	72,918	18,319	34,549	4,014,464	15,471,043
Aircraft and traffic servicing .....	4,642,596	1,025,850	130,672	174,949	38,395	33,011	6,045,473	23,896,293
Promotion and sales .....	4,441,704	1,591,593	20,894	86,977	78,996	51,937	6,272,101	24,509,763
General administration .....	1,311,915	482,249	27,184	105,892	58,494	51,974	2,037,708	7,536,961
Totals .....	13,389,563	3,974,866	198,906	440,736	194,204	171,471	18,369,746	71,414,060
Depreciation and amortization .....	3,455,686	155,541	56,685	154,361	6,838	17,341	3,846,452	15,392,857
Total operating expenses .....	29,376,767	7,865,221	620,616	1,241,641	541,454	510,342	40,156,041	157,244,794
Operating income (loss) .....	Dr. 1,591,845	215,871	Dr. 65,783	82,638	Dr. 114,276	Dr. 28,778	Dr. 1,502,173	Dr. 10,371,522
Non-operating income - Net:								
Capital gains and losses .....	-	-	-	Dr. 2,475	-	-	Dr. 2,475	54,867
Interest and discounts .....	478,844	64,638	105	10,716	-	-	554,303	2,206,034
Miscellaneous non-operating income ..	14,351	31,793	-	2,145	Dr. 2,606	Dr. 1,904	Dr. 19,807	Dr. 175,622
Income before interest expense .....	Dr. 1,098,450	248,716	Dr. 65,678	93,024	Dr. 116,882	Dr. 30,682	Dr. 970,152	Dr. 8,286,243
Interest expense .....	1,366,377	355,000	39,095	83,197	33,673	5,217	1,882,559	7,121,213
Income before income taxes .....	Dr. 2,465,027	Dr. 106,284	Dr. 104,773	9,827	Dr. 150,555	Dr. 25,899	Dr. 2,852,711	Dr. 15,407,456
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 2,465,027	Dr. 106,284	Dr. 104,773	9,827	Dr. 150,555	Dr. 25,899	Dr. 2,852,711	Dr. 15,407,456

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

April 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1965) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures ..... No.	15,941	2,533	18,474	1,075	1,670	1,820	827	5,392	23,866
Hours flown .....	23,359	5,149	28,508	1,095	1,705	1,326	939	5,065	33,573
Miles scheduled .....	7,431,062	1,900,200	9,331,262	48,018	291,007	202,282	115,196	656,503	9,987,765
Miles flown:									
Scheduled - Regular .....	7,373,254	1,893,435	9,266,689	41,372	288,973	189,592	113,385	633,322	9,900,011
Extra sections .....	272,933	2,267	275,200	3,250	9,804	1,495	1,227	15,776	290,976
Non-scheduled .....	-	-	-	112,435	27,810	22,856	27,684	190,785	190,785
Totals .....	7,646,187	1,895,702	9,541,889	157,057	328,587	213,943	142,296	839,883	10,381,772
Ratio of regular miles flown to miles scheduled .....	99.2	9.6	99.3	86.2	99.3	93.7	98.4	96.5	99.1
Passengers carried ..... No.	501,803	81,209	583,012	8,460	28,154	13,979	8,704	59,297	642,309
Goods carried:									
Freight .....	12,326,873	1,878,572	14,206,445	540,665	735,503	229,190	164,380	1,669,738	15,875,183
Express .....	1,300,164	122,963	1,423,127	37,883	79,393	-	26,101	143,377	1,566,504
Excess baggage(2) .....	-	24,645	24,645	16,222	67,495	25,479	4,760	113,956	138,601
Mail .....	3,641,925	399,112	4,041,037	317,239	200,746	121,336	81,634	720,955	4,761,992
Totals .....	17,268,962	2,425,292	19,694,254	912,009	1,083,137	376,005	276,875	2,648,026	22,342,280
Passenger-miles:									
Scheduled .....	415,669,743	126,937,311	542,607,054	584,265	7,091,550	3,862,948	2,768,940	14,307,703	556,914,757
Non-scheduled .....	-	-	-	1,778,159	97,330	340,143	184,540	2,400,172	2,400,172
Totals .....	415,669,743	126,937,311	542,607,054	2,362,424	7,188,880	4,203,091	2,953,480	16,707,875	559,314,929
Available seat-miles on scheduled services .....	749,481,489	268,308,953	1,017,790,442	1,808,079	17,583,669	6,545,572	5,548,650	31,485,970	1,049,276,412
Passenger load factor on scheduled services .....	55.5	47.3	53.3	32.3	40.3	59.0	49.9	45.4	53.1
Goods ton-miles:									
Freight - Scheduled .....	8,778,487	2,765,985	11,544,472	10,946	151,261	32,258	30,795	225,260	11,769,732
Non-scheduled .....	-	-	-	117,045	1,987	4,985	4,741	128,358	128,358
Totals .....	8,778,487	2,765,985	11,544,472	127,991	152,848	37,243	35,536	353,618	11,898,090
Express - Scheduled .....	543,862	51,715	595,577	576	15,792	-	4,324	20,692	616,269
Non-scheduled .....	-	-	-	10,439	-	-	487	10,926	10,926
Totals .....	543,862	51,715	595,577	11,015	15,792	-	4,811	31,618	627,195

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

April 1968

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	..	50,254	50,254	628	10,808	4,200	663	16,299	66,553
Non-scheduled .....	-	-	-	3,387	482	680	-	4,549	4,549
Totals(2) .....	..	50,254	50,254	4,015	11,290	4,880	663	20,848	71,102
Mail - Scheduled .....	1,926,565	477,481	2,404,046	7,951	59,467	5,994	8,079	81,491	2,485,537
Non-scheduled .....	-	-	-	46,450	176	3,430	5,838	55,914	55,914
Totals .....	1,926,565	477,481	2,404,046	54,401	59,643	9,424	13,937	137,405	2,541,451
Total - Scheduled .....	11,248,914	3,345,435	14,594,349	20,101	237,328	42,452	43,861	343,742	14,938,091
Non-scheduled .....	-	-	-	177,321	2,245	9,095	11,086	199,747	199,747
Totals .....	11,248,914	3,345,435	14,594,349	197,422	239,573	51,547	54,947	543,489	15,137,838
Available ton-miles on scheduled services .....	116,792,933	38,825,059	155,617,992	205,365	2,323,670	657,335	643,943	3,830,313	159,448,305
Weight load factor on scheduled services(3) .....	45.2	41.3	44.2	38.2	40.7	65.2	49.8	46.3	44.3
Bulk:									
Departures .....	92	-	92	488	473	4	128	1,093	1,185
Hours flown .....	155	-	155	619	662	6	433	1,720	1,875
Miles flown .....	49,457	-	49,457	67,803	217,817	746	82,401	368,767	418,224
Passengers carried .....	3,038	-	3,038	1,159	1,738	24	1,122	4,043	7,081
Freight carried .....	-	-	-	171,308	4,200,570	-	652,578	5,024,456	5,024,456
Passenger-miles(4) .....	3,031,269	-	3,031,269	188,480	2,926,529	17,904	1,419,180	4,552,093	7,583,362
Goods ton-miles(4) .....	-	-	-	8,727	839,527	-	282,537	1,130,791	1,130,791
Revenue non-transportation services:									
Specialty flying - Hours flown .....	33	-	33	223	-	-	-	223	256
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	16,033	2,533	18,566	1,563	2,143	1,824	955	6,485	25,051
Hours flown .....	23,547	5,149	28,696	1,937	2,367	1,332	1,372	7,008	35,704
Miles flown .....	7,695,644	1,895,702	9,591,346	224,860	544,404	214,689	224,697	1,208,650	10,799,996
Passengers carried .....	504,841	81,209	586,050	9,619	29,892	14,003	9,826	63,340	649,390
Cargo carried .....	13,627,037	2,001,535	15,628,572	749,856	5,015,466	229,190	843,059	6,837,571	22,466,143
Goods carried .....	17,268,962	2,425,292	19,694,254	1,083,317	5,283,707	376,005	929,453	7,672,482	27,366,736
Passenger-miles(4) .....	418,701,012	126,937,311	545,638,323	2,550,904	10,115,409	4,220,995	4,372,660	21,259,968	566,898,291
Goods ton-miles(4) .....	11,248,914	3,345,435	14,594,349	206,149	1,079,100	51,547	337,484	1,674,280	16,268,629

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

April 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
<b>Total - All services - Concluded:</b>									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown .....	925	270	1,195	131	119	264	78	592	1,787
Passengers carried .....	..	3,477	3,477	274	502	275	209	1,260	4,737
Goods carried .....	..	221,422	221,422	13,532	23,081	-	8,654	45,267	266,689
Passenger-miles .....	29,204,390	7,487,702	36,692,092	103,303	318,739	86,392	79,905	588,339	37,280,431
Goods ton-miles .....	594,087	287,836	881,923	3,498	7,594	-	1,964	13,056	894,979
<b>Fuel and oil consumed:</b>									
Turbo fuel - Quantity .....	20,959,830	5,633,350	26,593,180	86,084	496,804	194,453	36,263	813,604	27,406,784
Cost .....	2,863,755	853,214	3,716,969	18,938	103,771	41,835	8,279	172,823	3,889,792
Gasoline - Quantity .....	-	597,969	597,969	112,707	272,740	33,385	196,094	614,926	1,212,895
Cost .....	-	171,057	171,057	38,605	97,199	11,017	66,852	213,673	384,730
Turbo oil - Quantity .....	4,548	470	5,018	45	278	972	6	1,301	6,319
Cost .....	41,103	4,752	45,855	675	3,614	3,042	60	7,391	53,246
Other oil - Quantity .....	-	5,741	5,741	1,733	2,457	836	990	6,016	11,757
Cost .....	-	5,830	5,830	2,166	3,071	669	1,266	7,172	13,002
Average number of employees:									
Pilots and co-pilots .....	1,168	377	1,545	70	100	56	46	272	1,817
Other flight personnel .....	1,656	428	2,084	16	82	32	32	152	2,236
General management .....	85	118	203	22	113	51	21	207	410
Maintenance labour .....	3,389	741	4,130	212	214	121	107	654	4,784
Aircraft and traffic servicing .....	5,763	1,494	7,257	115	150	130	90	485	7,742
Other personnel .....	4,738	1,006	5,744	53	48	11	49	161	5,905
Total employees .....	16,799	4,164	20,963	488	707	391	345	1,931	22,894
<b>Salaries and wages:</b>									
Pilots and co-pilots .....	1,715,602	479,789	2,195,391	52,482	92,943	48,941	36,833	231,199	2,426,590
Other flight personnel .....	834,459	264,350	1,098,809	5,350	23,037	8,644	11,649	48,680	1,147,489
General management .....	186,802	126,225	313,027	23,033	74,874	40,437	24,018	162,362	475,389
Maintenance labour .....	2,311,961	478,532	2,790,493	97,868	163,671	56,121	54,547	372,207	3,162,700
Aircraft and traffic servicing .....	3,347,394	794,967	4,142,361	49,074	94,443	62,444	32,825	238,786	4,381,147
Other personnel .....	3,171,326	494,201	3,665,527	21,011	21,236	8,680	21,060	71,987	3,737,514
Total salaries and wages .....	11,567,544	2,638,064	14,205,608	248,818	470,204	225,267	180,932	1,125,221	15,330,829

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

April 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	431,961	67,231	6,064	27,257	13,979	8,481	554,973
Domestic interline .....	69,842	7,530	2,359	-	-	-	86,175
Foreign interline .....		6,444	-	-	-	-	
Totals(2) .....	501,803	81,205	8,423	27,257	13,979	8,481	641,148
<b>Express carried:</b>							
Originated .....	1,300,164	122,963	19,090	79,393	-	26,101	1,547,711
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,300,164	122,963	19,090	79,393	-	26,101	1,547,711
<b>Freight carried:</b>							
Originated .....	12,326,873	1,510,006	531,517	704,538	229,190	137,757	15,439,881
Domestic interline .....	-	31,009	-	-	-	-	31,009
Foreign interline .....	-	120,436	-	-	-	-	120,436
Totals(2) .....	12,326,873	1,661,451	531,517	704,538	229,190	137,757	15,591,326
<b>Excess baggage carried:</b>							
Originated .....	..	24,645	16,222	58,867	25,479	4,760	129,973(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	24,645	16,222	58,867	25,479	4,760	129,973(3)
<b>Mail carried:</b>							
Originated .....	3,641,925	399,112	261,866	197,766	121,336	43,902	4,665,907
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	3,641,925	399,112	261,866	197,766	121,336	43,902	4,665,907

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

April 1968

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand Total
<b>Unit toll:</b>							
Departures .....	2,284	766	1,150	163	4,363	14,111	18,474
Hours flown .....	3,218	3,387	3,375	974	10,954	17,554	28,508
Miles scheduled .....	899,432	1,618,426	1,355,505	483,784	4,336,747	4,974,515	9,331,262
<b>Miles flown:</b>							
Scheduled - Regular .....	891,199	1,612,356	1,354,029	483,457	4,341,041	4,925,648	9,266,689
Extra sections .....	27,826	3,556	60,016	-	91,398	183,802	275,200
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	919,025	1,615,912	1,414,045	483,457	4,432,439	5,109,450	9,541,889
<b>Ratio of regular miles flown to miles scheduled .....</b>	99.1	99.6	99.9	99.9	99.6	99.0	99.3
<b>Passengers carried .....</b>							
Cargo carried .....	-	-	-	-	190,823	392,189	583,012
Mail carried .....	-	-	-	-	6,344,541	9,308,676	15,653,217
Passenger-miles .....	45,568,818	105,305,739	85,327,603	36,064,785	272,266,945	3,395,741	4,041,037
<b>Available seat-miles on scheduled services</b>	89,571,208	210,769,709	185,779,538	84,374,697	570,495,152	270,340,109	542,607,054
<b>Passenger load factor on scheduled services</b>	50.9	50.0	45.9	42.7	47.7	44.7	53.3
<b>Goods ton-miles:</b>							
Express .....	42,332	-	-	-	42,332	553,245	595,577
Freight .....	620,142	3,662,362	958,459	912,026	6,152,989	5,391,483	11,544,472
Excess baggage .....	17	13,543	17,694	17,995	49,249	1,005	50,254
Mail .....	49,498	340,364	178,110	253,990	821,962	1,582,084	2,404,046
Totals .....	711,989	4,016,269	1,154,263	1,184,011	7,066,532	7,527,817	14,594,349
<b>Available ton-miles on scheduled service ....</b>	12,831,695	34,848,332	26,053,859	12,591,283	86,325,169	69,292,823	155,617,992
<b>Weight load factor on scheduled services(1)</b>	41.1	41.7	37.2	38.0	39.7	49.9	44.2
<b>Bulk:</b>							
Departures .....	206	24	23	-	253	-	-
Hours flown .....	342	150	107	-	599	-	-
Miles flown .....	78,127	75,238	27,488	-	180,853	-	-
Passengers carried .....	2,545	2,364	1,338	-	6,267	-	-
Goods carried .....	4,486	-	-	-	4,486	-	-
Passenger-miles(2) .....	1,952,577	8,561,590	2,186,663	-	12,700,830	-	-
Goods ton-miles(2) .....	-	-	-	-	-	-	-
<b>Total:</b>							
Departures .....	2,490	790	1,173	163	4,616	-	-
Hours flown .....	3,560	3,537	3,482	974	11,553	-	-
Miles flown .....	997,152	1,691,150	1,441,533	483,457	4,613,292	-	-
Passengers carried .....	-	-	-	-	197,090	-	-
Goods carried .....	-	-	-	-	6,994,323	-	-
Passenger-miles(2) .....	47,521,395	113,867,329	87,514,266	36,064,785	284,967,775	-	-
Goods ton-miles(2) .....	711,989	4,016,269	1,154,263	1,184,011	7,066,532	-	-

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

April 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	133,847	148,115	281,962	27,470	30,336	57,806
Bulk ..... "	859	569	1,428	1,074	765	1,839
Totals ..... "	134,706	148,684	283,390	28,544	31,101	59,645
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,245,434	4,000,236	5,245,670	1,674,134	3,731,615	5,405,749
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,245,434	4,000,236	5,245,670	1,674,134	3,731,615	5,405,749
Mail carried (unit toll) ..... "	238,354	357,410	595,764	188,067	256,609	444,676
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	14,546	18,275	32,821	175,863	196,726	372,589
Bulk ..... "	310	199	509	2,243	1,533	3,776
Totals ..... "	14,856	18,474	33,330	178,106	198,259	376,365
Freight, express and excess baggage carried:						
Unit toll ..... lb.	367,355	396,248	763,603	3,286,923	8,128,099	11,415,022
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	367,355	396,248	763,603	3,286,923	8,128,099	11,415,022
Mail carried (unit toll) ..... "	119,214	90,708	209,922	545,635	704,727	1,250,362
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	85,945	100,981	186,926	89,918	95,745	185,663
Bulk ..... "	1,040	524	1,564	1,203	1,009	2,212
Totals ..... "	86,985	101,505	188,490	91,121	96,754	187,875
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,880,275	4,086,351	5,966,626	1,406,648	4,041,748	5,448,396
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,880,275	4,086,351	5,966,626	1,406,648	4,041,748	5,448,396
Mail carried (unit toll) ..... "	351,409	261,411	612,820	194,226	443,316	637,542

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

April 1968

	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Type of service:								
Flying training .....	12,816	252,049	43,761	885,187	758	51,874	3,145	225,191
Recreational flying .....	1,596	35,823	5,179	104,409	85	7,915	311	34,676
Aerial photography and survey(1) ...	1,213	103,677	2,901	187,311	463	150,093	865	204,299
Aerial photography .....	24	1,807	62	3,426	13	1,941	18	2,501
Aerial inspection, reconnaissance and advertising(2) .....	793	140,932	3,495	482,643	636	132,520	1,685	423,112
Aerial application & distribution(3) ..	11	1,184	184	8,911	14	1,804	15	1,866
Aerial control .....	-	-	86	4,376	1	100	3	500
Aerial construction .....	-	-	-	-	13	3,397	14	3,862
Air ambulance and mercy services ...	-	-	11	1,236	3	371	8	1,982
Aircraft rental .....	2,062	39,290	5,892	111,534	80	6,000	319	24,000
Non-transportation charter .....	278	97,124	474	163,671	21	3,598	38	6,587
Totals .....	18,793	671,886	62,045	1,952,704	2,087	359,613	6,421	928,576

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

April 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 19	...	11	...	30	...
Helicopters - Owned .....	" 229	235	45	43	274	278
Leased .....	" 25	19	-	1	25	20
Totals .....	" 254	254	45	44	299	298
Revenue hours flown - Unit toll .....	" -	-	-	1	-	1
Bulk .....	" 6,712	17,158	159	656	6,871	17,814
Specialty .....	" 1,763	5,227	324	1,194	2,087	6,421
Totals .....	" 8,475	22,385	483	1,851	8,958	24,236
Non-revenue hours flown .....	" 382	2,097	152	352	534	2,449
Fuel and oil consumed:						
Gasoline .....	gal. 207,781	529,107	7,146	29,968	214,927	559,075
Cost .....	\$ 94,089	237,733	3,238	14,214	97,327	251,947
Oil .....	gal. 2,442	8,516	82	447	2,524	8,963
Cost .....	\$ 5,041	16,101	155	813	5,196	16,914
Average number of employees:						
Pilots .....	No. 238	222	14	14	252	236
Administrative .....	" 120	120	1	1	121	121
Maintenance labour .....	" 253	249	10	9	263	258
Other personnel .....	" 19	17	-	-	19	17
Totals .....	" 630	608	25	24	655	632
Salaries and wages:						
Pilots .....	\$ 202,301	681,691	7,786	33,934	210,087	715,625
Administrative .....	\$ 83,064	317,816	500	2,000	83,564	319,816
Maintenance labour .....	\$ 165,836	584,767	5,169	18,200	171,005	602,967
Other personnel .....	\$ 7,940	29,737	-	-	7,940	29,737
Totals .....	\$ 459,141	1,614,011	13,455	54,134	472,596	1,668,145

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
April 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	961,664	2,503,614
Total transportation .....	961,664	2,503,614
Other flying services .....	339,131	818,965
Total flying services .....	1,300,795	3,322,579
Non-flying services .....	52,771	158,954
Total operating revenues .....	1,353,566	3,481,533
Operating expenses:		
Flying operations .....	585,716	1,952,845
Maintenance .....	445,935	1,759,299
General service and administration .....	198,578	617,536
Depreciation and amortization .....	143,826	537,866
Total operating expenses .....	1,374,055	4,867,546
Operating income (deficit) .....	Dr. 20,489	Dr. 1,386,013
Non-operating income:		
Capital gains and losses .....	7,119	12,227
Interest and discounts .....	81	894
Miscellaneous non-operating income .....	201	1,503
Income before interest expense .....	Dr. 13,088	Dr. 1,371,389
Interest expense .....	32,697	117,319
Income before income taxes .....	Dr. 45,785	Dr. 1,488,708
Provision for income taxes .....	300	1,200
Net income after income taxes .....	Dr. 46,085	Dr. 1,489,908

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air: Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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# CIVIL AVIATION

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

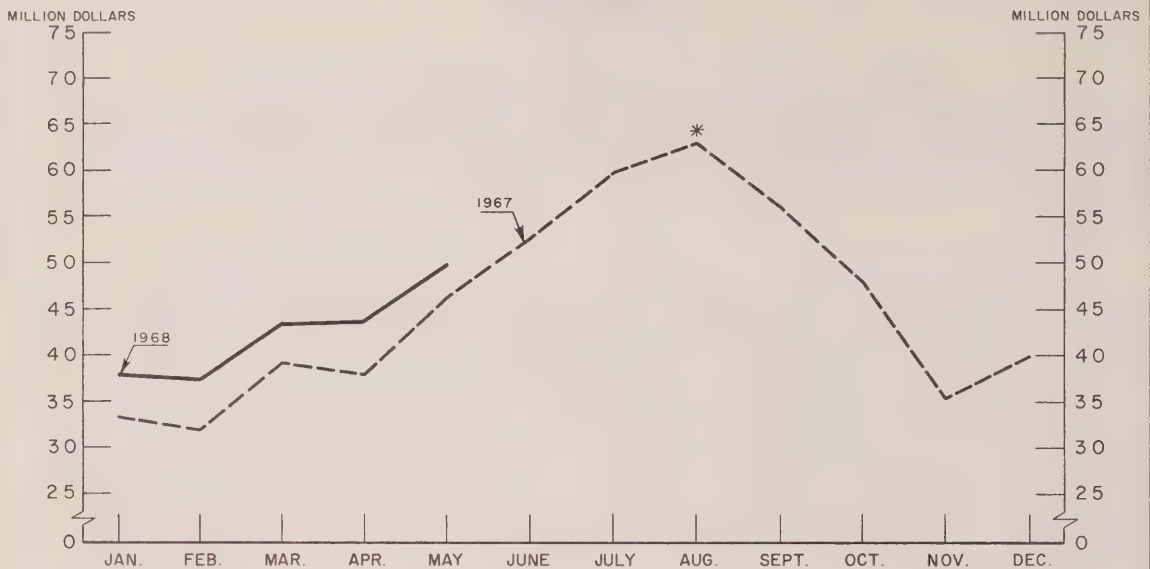
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

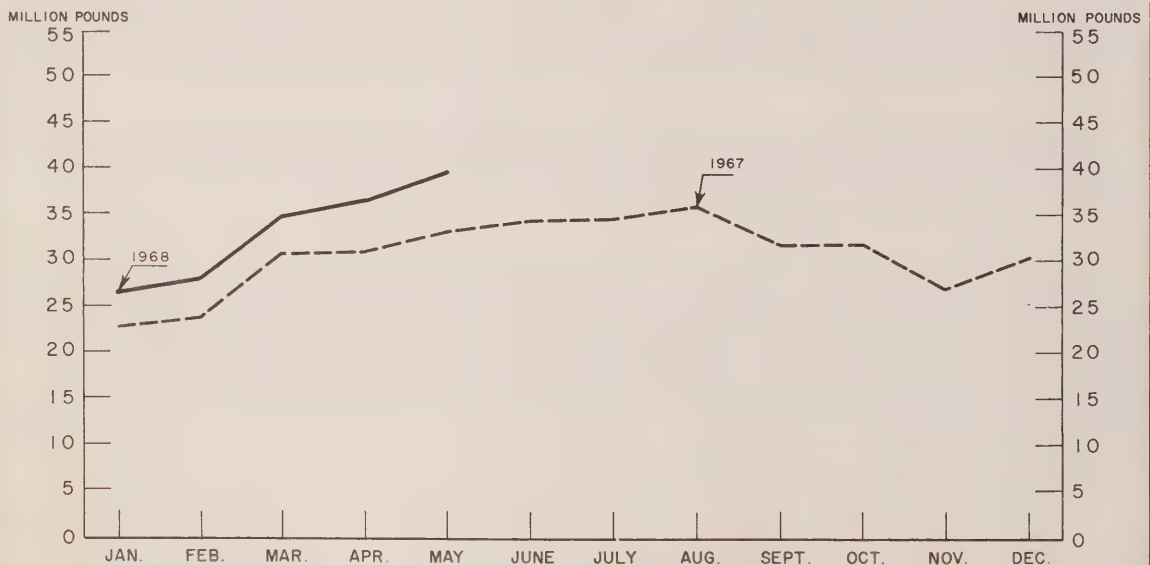
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



\*ALL TIME HIGH FOR A SINGLE MONTH

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

# REVIEW OF MAY OPERATIONS

(May 1967 figures in brackets)

Operations of Canadian carriers for May showed generally mixed activity when compared with May 1967. In transportation services, number of revenue passengers carried decreased 1.2 per cent to 755,330 (764,344) while weight of goods carried was 19.2 per cent higher at 19,701 (16,523) tons. Revenue passenger-miles were up 3.2 per cent to 641,083,231 (621,021,196) while goods ton-miles rose by 27.2 per cent to 18,019,820 (14,161,871). For all services, revenue miles flown showed an increase of 13.1 per cent to 15,134,978 (13,382,450).

Operating revenues totalled \$49,870,064 (\$46,106,199), up 8.2 per cent, while expenses increased 9.9 per cent to \$48,153,134 (\$43,829,275). The resultant operating income was \$1,716,930 (\$2,276,924). The net income after taxes amounted to \$277,966 (\$1,259,270).

The nineteen (16) carriers operating helicopters exclusively flew 10,120 (10,982) revenue hours using 261 (227) helicopters. They reported operating revenues of \$1,681,894 (\$1,577,489) and expenses of \$1,316,909 (\$1,176,614). Eleven (15) carriers operating both helicopters and fixed wing aircraft reported 959 (1,145) revenue hours flown with 35 (44) helicopters.

In May, the six scheduled carriers transported 680,336 (694,880) revenue passengers, or 90.1 (90.9) per cent of the total for Canadian carriers, as well as 14,144 (12,097) tons of revenue goods, or 71.8 (73.2) per cent of the total weight of revenue goods carried. Operating revenues of \$43,046,645 (\$40,487,854) and expenses amounting to \$41,808,167 (\$38,569,088) were reported, accounting for 86.3 (87.8) per cent and 86.8 (88.0) per cent respectively of the totals for all Canadian carriers.

On international scheduled services for the month under review, Canadian air carriers transported 182,178 (204,699) revenue passengers, or 26.7 (29.4) per cent of the total for all unit toll services of Canadian carriers. Passenger-miles on international scheduled services amounted to 276,240,043 (265,265,323) or 46.7 (45.8) per cent of unit toll passenger-miles. By area of service, the proportional breakdown of international passenger-miles is shown below:

<u>Area</u>	<u>Percentage</u>
Transborder .....	17.0
Trans-Atlantic and Polar .....	54.8
Southern .....	17.1
Pacific and Orient .....	11.1
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 198,552 (226,951) revenue passengers and 3,579 (2,682) tons of revenue goods into and out of Canada during the month.

## Cumulative Data, Year-to-Date

In the first five months of 1968, Canadian carriers transported 3,431,598 (3,200,406) passengers, up 7.2 per cent over the first five months of last year. Weight of revenue goods carried was 17.0 per cent higher at 82,475 (70,489) tons. Revenue miles flown increased to 65,871,643 (56,878,278) or by 15.8 per cent. Operating revenues were 12.8 per cent higher at \$212,260,967 (\$188,207,633) while expenses were up 13.7 per cent to \$225,198,836 (\$198,065,784). The operating loss was \$12,937,869 (\$9,858,151) and the net deficit after taxes \$19,331,897 (\$14,612,836).

Foreign carriers operating scheduled services in Canada reported an increase of 17.1 per cent in revenue passengers carried with a total for five months of 897,807 (766,501). Weight of goods carried were up 22.2 per cent, to 15,765 (12,899) tons for the first five months of 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services  
May 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	29	80	109		115	11	11	137	...
Revenue transportation services:										
Unit toll:										
Departures .....	25,947	5,597	3,795	9,392		35,339	..	..	..	..
Hours flown .....	35,899	3,114	2,006	5,120		41,019	564	1,938	43,521	199,518
Miles scheduled .....	10,778,989	...	...	...		10,778,989	194,375	701,068	11,674,432	54,078,774
Miles flown:(4)										
Scheduled .....	10,852,456	...	...	...		10,852,456	157,589	762,292	11,772,337	54,380,059
Non-scheduled .....	229,616	429,736	279,749	709,485		939,101	-	-	939,101	3,946,959
Totals .....	11,082,072	429,736	279,749	709,485		11,791,557	157,589	762,292	12,711,438	58,327,018
Passengers carried .....	666,591	9,494	6,712	16,206		682,797	149,335	44,555	876,687	4,095,429
Goods carried:										
Cargo .....	18,321,164	724,259	134,000	858,259		19,179,423	2,613,323	3,917,645	25,932,373	116,093,590
Excess baggage(5) .....	164,234	49,685	8,063	57,748		221,982			5,687,596	28,041,035
Mail .....	4,700,900	246,670	115,034	361,704		5,062,604	364,399	260,593	31,619,969	144,134,625
Totals .....	23,186,298	1,020,614	257,097	1,277,711		24,464,009	2,977,722	4,178,238	636,087,686	2,891,316,723
Passenger-miles .....	588,753,917	1,975,764	957,811	2,933,575		591,687,492	6,550,827	37,849,367	636,087,686	2,891,316,723
Goods ton-miles:										
Cargo .....	13,060,666	299,538	11,995	311,533		13,372,199	66,289	1,511,057	15,033,787	72,059,302
Excess baggage(5) .....	75,679	8,042	521	8,563		84,242			2,668,372	13,770,529
Mail .....	2,476,439	61,117	11,956	73,073		2,549,512	8,383	110,477	17,702,159	85,829,831
Totals .....	15,612,784	368,697	24,472	393,169		16,005,955	74,672	1,621,534	17,702,159	85,829,831
Bulk:										
Departures .....	1,838	10,836	18,488	29,324		31,162	..	..	..	..
Hours flown .....	2,693	14,460	15,848	30,308		33,001	4	83	33,088	111,292
Miles flown .....	556,774	1,168,200	1,618,447	2,786,647		3,343,421	876	30,958	3,375,255	11,628,865
Passengers carried .....	13,745	25,017	33,771	58,788		72,533	712	3,950	77,195	233,976
Freight carried .....	5,102,278	6,129,098	3,706,492	9,835,590		14,937,868	-	1,517	14,939,385	52,343,187
Passenger-miles(6) .....	23,687,204	24,904,895	803,640	25,708,535		49,395,739	..	..	..	..
Goods ton-miles(6) .....	1,266,706	635,752	111,409	747,161		2,013,867	..	..	..	..
Revenue non-transportation services:										
Specialty flying - Hours flown "	256	9,127	13,765	22,892		23,148	-	-	23,148	91,614

see footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

May 1968

- 9 -

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers		Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	27,785	16,433	22,283	38,716	66,501					
Hours flown .....	38,848	26,701	31,619	58,320	97,168				99,757	402,424
Miles flown .....	11,638,846	1,597,936	1,898,196	3,496,132	15,134,978			2,021	16,086,693	69,955,883
Passengers carried .....	680,336	34,511	40,483	74,994	755,330			48,505	953,882	4,329,405
Cargo carried .....	23,423,442	6,853,357	3,840,492	10,693,849	34,339,273(8)			2,613,323	40,871,758	168,244,258
Goods carried .....	28,288,576	7,149,712	3,963,589	11,113,301	39,401,877			2,977,722	46,559,354	196,477,812
Passenger-miles(6) .....	612,441,121	26,880,659	1,761,451	28,642,110	641,083,231					
Goods ton-miles(6) .....	16,879,490	1,004,449	135,881	1,140,330	18,019,820					
Non-revenue:										
Hours flown .....	1,533	1,860	1,220	3,080	4,613		4	10	4,627	18,926
Passengers carried .....	4,361	181	23	204	4,565		3,386	1,123	9,074	41,049
Goods carried .....	278,024	40,368	31,927	72,495	350,519		39,450	65,268	455,237	2,194,403
Passenger-miles .....	32,260,902	166,847	6,208	173,055	32,433,957		153,507	860,577	33,448,041	152,599,742
Goods ton-miles .....	817,486	26,920	813	27,733	845,219		791	21,908	867,918	4,908,156
Fuel and oil consumed:										
Turbo fuel - Quantity .....	29,480,103	710,829	87,151	797,980	30,278,083		922,417	5,219,401	36,419,901	164,847,309
Cost .....	4,127,236	165,637	31,844	197,481	4,324,717		155,387	806,023	5,286,127	23,465,139
Gasoline - Quantity .....	1,311,876	871,440	500,247	1,371,687	2,683,563		-	-	2,683,563	9,960,857
Cost .....	436,894	363,089	221,635	584,724	1,021,618		-	-	1,021,618	4,122,365
Turbo oil - Quantity .....	6,447	54	18	72	6,519		196	114	6,829	32,749
Cost .....	51,015	536	256	792	51,807		1,222	336	53,365	271,227
Other oil - Quantity .....	12,416	11,879	7,865	19,744	32,160		-	-	32,160	138,698
Cost .....	14,119	20,020	14,455	34,475	48,594		-	-	48,594	196,879
Average number of employees:										
Pilots and co-pilots .....	1,851	601	573	1,174	3,025					
Other flight personnel .....	2,320	120	25	145	2,465					
General management .....	418	193	148	341	759					
Maintenance labour .....	4,841	578	468	1,046	5,887					
Aircraft & traffic servicing .....	8,037	201	97	298	8,335					
Other personnel .....	5,923	320	165	485	6,408					
Totals .....	23,390	2,013	1,476	3,489	26,879		627	795	28,301	27,438
Salaries and wages paid:										
Pilots and co-pilots .....	2,454,451	492,666	387,308	879,974	3,334,425					
Other flight personnel .....	1,232,482	67,400	11,416	78,816	1,311,298					
General management .....	474,223	173,296	95,606	268,902	743,135					
Maintenance labour .....	3,267,553	336,260	234,855	571,115	3,838,668					
Aircraft & traffic servicing .....	4,553,486	81,612	38,885	120,497	4,653,983					
Other personnel .....	3,774,223	126,486	57,568	184,054	3,958,277					
Totals .....	15,736,428	1,277,720	825,638	2,013,358	17,839,786		382,604	510,631	18,733,021	88,854,091

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

May 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Non-scheduled carriers		Total		
				Group III(1)	Group IV			
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	33,857,831	1,686,759	35,544,590	301,240	133,103	434,343	35,978,933	158,037,755
Express .....	622,944	41,070	664,014	7,818	3,465	11,283	675,297	2,988,383
Freight .....	2,631,661	274,551	2,906,212	174,488	13,366	187,854	3,094,066	14,213,317
Excess baggage .....	1,170,923	29,112	1,200,035	10,317	1,013	11,330	211,365	1,019,872
Mail .....	1,740,222	172,418	1,912,640	81,425	27,682	109,107	2,021,747	10,146,793
Total unit toll transportation ..	39,023,581	2,203,910	41,227,491	575,288	178,629	753,917	41,981,408	186,406,120
Bulk transportation .....	410,345	937,698	1,348,043	2,675,614	1,515,348	4,190,962	5,539,005	17,310,056
Total transportation .....	39,433,926	3,141,608	42,575,534	3,250,902	1,693,977	4,944,879	47,520,413	203,716,176
Other flying services .....	12,944	112,259	125,203	799,576	645,787	1,445,363	1,570,566	4,531,262
Total flying services .....	39,446,870	3,253,867	42,700,737	4,050,478	2,339,764	6,390,242	49,090,979	208,247,438
Non-flying services .....	315,502	30,406	345,908	161,556	271,621	433,177	779,085	4,013,529
Total operating revenues .....	39,762,372	3,284,273	43,046,645	4,212,034	2,611,385	6,823,419	49,870,064	212,260,967
Operating expenses:								
Flying operations .....	9,599,898	1,094,843	10,694,741	1,828,054	1,012,606	2,840,660	13,535,401	60,611,930
Maintenance .....	7,399,733	988,670	8,388,403	1,102,759	542,289	1,645,048	10,033,451	47,236,892
General services and administration:								
Passenger service .....	3,860,961	179,744	4,040,705	..	..	..	..	..
Aircraft and traffic servicing .....	5,645,009	309,414	5,954,423	..	..	..	..	..
Promotion and sales .....	6,541,655	268,279	6,809,934	..	..	..	..	..
General administration .....	1,755,388	251,455	2,006,843	..	..	..	..	..
Totals .....	17,803,013	1,008,892	18,811,905	935,614	383,175	1,318,789	20,130,694	95,558,974
Depreciation and amortization .....	3,687,022	226,096	3,913,118	302,388	238,082	540,470	4,453,588	21,791,040
Total operating expenses .....	38,489,666	3,318,501	41,808,167	4,168,815	2,176,152	6,344,967	48,153,134	225,198,836
Operating income (loss) .....	1,272,706	Dr. 34,228	1,238,478	43,219	435,233	478,452	1,716,930	Dr. 12,937,869
Non-operating income - Net:								
Capital gains and losses .....	-	26,242	26,242	70,613	6,656	77,269	103,511	586,940
Interest and discounts .....	459,950	14,338	474,288	23,305	3,031	26,336	500,624	2,797,390
Miscellaneous non-operating income ..	29,276	3,716	32,992	74,195	9,393	83,588	116,580	135,785
Income before interest expense .....	1,761,932	10,068	1,772,000	211,332	454,313	665,645	2,437,645	Dr. 9,417,754
Interest expense .....	1,774,493	155,248	1,929,741	186,024	53,054	239,078	2,168,819	9,923,392
Income before income taxes .....	Dr. 12,561	Dr. 145,180	Dr. 157,741	25,308	401,259	426,567	268,826	Dr. 19,341,146
Provision for income taxes .....	-	-	-	Cr. 14,880	5,740	9,140	9,140	Cr. 9,249
Net income after income taxes .....	Dr. 12,561	Dr. 145,180	Dr. 157,741	40,188	395,519	435,707	277,966	Dr. 19,331,897

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

May 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers .....	26,583,496	7,274,335	250,273	736,979	433,523	265,984	35,544,590	156,267,830
Express .....	563,418	59,526	3,444	29,031	-	8,595	664,014	2,938,715
Freight .....	1,976,752	654,909	86,460	106,377	62,992	18,722	2,906,212	13,492,710
Excess baggage .....	118,885	52,038	4,179	17,942	6,419	572	200,035	977,682
Mail .....	1,174,252	565,970	67,809	58,232	9,152	37,225	1,912,640	9,578,602
Total unit toll transportation ..	30,416,803	8,606,778	412,165	948,561	512,086	331,098	41,221,491	183,255,539
Bulk transportation .....	372,776	37,569	105,169	595,740	5,981	230,808	1,348,043	3,910,374
Total transportation .....	30,789,579	8,644,347	517,334	1,544,301	518,067	561,906	42,575,534	187,165,913
Other flying services .....	12,944	-	112,259	-	-	-	125,203	313,034
Total flying services .....	30,802,523	8,644,347	629,593	1,544,301	518,067	561,906	42,700,737	187,478,947
Non-flying services .....	207,678	107,824	20,775	4,747	4,884	365,908	365,908	2,440,970
Total operating revenues .....	31,010,201	8,752,171	650,368	1,544,301	522,814	566,790	43,046,645	189,919,917
Operating expenses:								
Flying operations .....	6,900,507	2,699,391	191,963	475,365	225,861	201,654	10,694,741	49,801,422
Maintenance .....	6,238,866	1,160,867	310,288	337,731	148,941	191,710	8,388,403	39,719,599
General services and administration:								
Passenger service .....	2,983,883	877,078	27,020	95,673	22,167	34,884	4,040,705	19,511,748
Aircraft and traffic servicing .....	4,692,853	952,156	51,791	185,415	42,150	30,058	5,934,423	29,850,716
Promotion and sales .....	4,759,387	1,782,268	19,260	103,493	70,452	75,074	6,809,934	31,319,697
General administration .....	1,293,036	462,352	36,741	114,606	52,158	47,950	2,006,843	9,543,804
Totals .....	13,729,159	4,073,854	134,812	499,187	186,927	187,966	18,811,905	90,225,965
Depreciation and amortization .....	3,541,512	145,510	51,340	149,451	6,838	18,467	3,913,118	19,305,975
Total operating expenses .....	30,410,044	8,079,622	688,403	1,461,734	568,567	599,797	41,808,167	199,052,961
Operating income (loss) .....	600,157	672,549	Dr.	82,567	Dr.	33,007	1,238,478	Dr. 9,133,044
Non-operating income - Net:								
Capital gains and losses .....	-	-	24,899	1,640	-	297	26,242	81,109
Interest and discounts .....	407,259	52,691	166	14,172	-	-	474,288	2,680,322
Miscellaneous non-operating income ..	37,122	Dr. 7,846	-	5,910	Dr. 1,501	693	32,992	Dr. 142,630
Income before interest expense .....	1,044,538	717,394	Dr.	104,289	Dr.	33,997	1,772,000	Dr. 6,514,243
Interest expense .....	1,419,493	355,000	36,426	86,352	26,932	5,538	1,929,741	9,050,954
Income before income taxes .....	Dr.	362,394	Dr.	17,937	Dr.	39,535	157,741	Dr. 15,565,197
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 374,955	362,394	Dr.	17,937	Dr.	39,535	157,741	Dr. 15,565,197

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

May 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	16,627	2,739	19,366	1,193	1,853	2,606	929	6,581	25,947
Hours flown .....	24,447	5,474	29,921	1,185	1,839	1,904	1,050	5,978	35,899
Miles scheduled .....	7,962,643	2,021,003	9,983,646	47,935	304,296	306,345	136,767	795,343	10,778,989
Miles flown:									
Scheduled - Regular .....	7,899,831	2,014,541	9,914,372	44,890	291,141	274,353	136,767	747,151	10,661,523
Extra sections .....	167,160	2,814	169,974	729	17,689	505	2,036	20,959	190,933
Non-scheduled .....	8,066,991	2,017,355	10,084,346	133,173	34,440	34,695	27,308	229,616	229,616
Totals .....				178,792	343,270	309,553	166,111	997,726	11,082,072
Ratio of regular miles flown to miles scheduled .....	99.2	99.7	99.3	93.6	95.7	89.6	100.0	93.9	98.9
Passengers carried .....	517,569	82,352	599,921	8,968	31,740	16,595	9,367	66,670	666,591
Goods carried:									
Freight .....	12,688,072	1,865,312	14,553,384	698,486	842,979	228,808	151,833	1,922,106	16,475,490
Express .....	1,553,825	163,213	1,717,038	16,260	85,204	-	27,172	128,636	1,845,674
Excess baggage(2) .....	-	26,104	26,104	16,376	82,039	36,785	2,930	138,130	164,234
Mail .....	3,694,350	400,045	4,094,395	272,749	211,307	45,648	76,801	606,505	4,700,900
Totals .....	17,936,247	2,454,674	20,390,921	1,003,871	1,221,529	311,241	258,736	2,795,377	23,186,298
Passenger-miles:									
Scheduled .....	441,175,258	129,638,054	570,813,312	812,476	7,725,945	4,139,762	2,974,993	15,653,176	586,466,488
Non-scheduled .....	-	-	570,813,312	1,612,978	165,770	327,280	181,401	2,287,429	2,287,429
Totals .....	441,175,258	129,638,054	570,813,312	2,425,454	7,891,715	4,467,042	3,156,394	17,940,605	588,753,917
Available seat-miles on scheduled services .....	805,164,674	291,239,565	1,096,404,239	1,320,124	17,702,067	9,179,218	6,477,036	34,678,445	1,131,082,684
Passenger load factor on scheduled services .....	54.8	44.5	52.1	61.5	43.6	45.1	45.9	45.1	51.9
Goods ton-miles:									
Freight - Scheduled .....	7,217,792	2,632,492	9,850,284	12,764	228,648	43,645	29,872	314,929	10,165,213
Non-scheduled .....	-	-	9,850,284	167,432	1,376	4,661	3,510	176,979	176,979
Totals .....	7,217,792	2,632,492	9,850,284	180,196	230,024	48,306	33,382	491,908	10,342,192
Express - Scheduled .....	2,620,491	67,540	2,688,031	391	22,584	-	4,821	27,796	2,715,827
Non-scheduled .....	-	-	2,688,031	2,190	-	-	457	2,647	2,647
Totals .....	2,620,491	67,540	2,688,031	2,581	22,584	-	5,278	30,443	2,718,474

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

May 1968

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	..	51,191	51,191	266	13,522	4,900	504	19,192	70,383
Non-scheduled .....	-	-	-	3,639	590	1,047	20	5,296	5,296
Totals(2) .....	..	51,191	51,191	3,905	14,112	5,947	524	24,488	75,679
Mail - Scheduled .....	1,894,070	452,119	2,346,189	7,328	60,215	7,180	8,627	83,350	2,429,539
Non-scheduled .....	-	-	-	41,129	252	315	5,204	46,900	46,900
Totals .....	1,894,070	452,119	2,346,189	48,457	60,467	7,495	13,831	130,250	2,476,439
Total - Scheduled .....	11,732,353	3,203,342	14,935,695	20,749	324,969	55,725	43,824	445,267	15,380,962
Non-scheduled .....	-	-	-	214,390	2,218	6,023	9,191	231,822	231,822
Totals .....	11,732,353	3,203,342	14,935,695	235,139	327,187	61,748	53,015	677,089	15,612,784
Available ton-miles on scheduled services .....	120,154,995	41,554,796	161,709,791	139,822	2,363,616	919,692	714,769	4,137,899	165,847,690
Weight load factor on scheduled services(3) .....	46.5	38.9	44.5	72.9	46.4	51.1	47.8	48.6	44.6
Bulk:									
Departures .....	182	12	194	811	611	33	189	1,644	1,838
Hours flown .....	418	33	451	827	775	34	606	2,242	2,693
Miles flown .....	153,740	13,133	166,873	82,949	188,427	4,697	113,828	389,901	556,774
Passengers carried .....	7,134	580	7,714	1,347	3,548	126	1,010	6,031	13,745
Freight carried .....	-	-	-	411,082	3,683,637	-	1,007,559	5,102,278	5,102,278
Passenger-miles(4) .....	12,470,813	1,165,831	13,636,644	144,483	8,734,318	117,475	1,054,284	10,050,560	23,687,204
Goods ton-miles(4) .....	-	-	-	24,477	827,343	-	414,886	1,266,706	1,266,706
Revenue non-transportation services: Specialty flying - Hours flown .....	55	-	55	201	-	-	-	201	256
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	16,809	2,751	19,560	2,004	2,464	2,639	1,118	8,225	27,785
Hours flown .....	24,920	5,507	30,427	2,213	2,614	1,938	1,656	8,421	38,848
Miles flown .....	8,220,731	2,030,488	10,251,219	261,741	531,697	314,250	279,939	1,387,677	11,638,846
Passengers carried .....	528,703	82,932	607,635	1,125,878	35,288	16,721	10,377	721,071	680,136
Goods carried .....	14,241,897	2,028,525	16,270,422	1,125,878	4,611,820	228,808	1,186,564	7,153,020	23,423,442
Passenger-miles(4) .....	17,936,247	2,454,674	20,390,921	1,414,953	4,903,166	311,241	1,266,295	7,897,655	28,288,576
Passenger-miles(4) .....	453,646,071	130,803,885	584,449,956	2,369,937	16,626,033	4,584,517	4,210,678	27,991,165	612,441,121
Goods ton-miles(4) .....	11,732,353	3,203,342	14,935,695	259,616	1,154,530	61,748	467,901	1,943,795	16,879,490

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

May 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
<b>Total - All services - Concluded:</b>									
<b>Traffic, hours and miles - Concluded:(5)</b>									
Non-revenue:									
Hours flown .....	875	239	1,114	160	133	43	83	419	1,533
Passengers carried(2) ....	"	3,284	3,284	153	580	210	134	1,077	4,361
Goods carried(2) ....	"	218,884	218,884	9,523	31,817	-	17,800	59,140	278,024
Passenger-miles .....	24,569,682	7,286,018	31,855,700	76,213	193,645	66,266	69,078	405,202	32,260,902
Goods ton-miles .....	537,249	262,634	799,883	2,161	10,946	-	4,496	17,603	817,486
<b>Fuel and oil consumed:</b>									
Turbo fuel - Quantity .....	22,705,939	5,721,426	28,427,365	96,024	580,383	300,371	75,960	1,052,738	29,480,103
Cost .....	\$ 3,057,572	\$ 855,888	\$ 3,913,460	\$ 21,125	\$ 112,590	\$ 63,078	\$ 16,983	\$ 213,776	\$ 4,127,236
Gasoline - Quantity .....	-	667,326	667,326	133,427	280,921	15,428	214,774	644,550	1,311,876
Cost .....	-	190,231	190,231	45,755	98,270	7,091	97,547	246,663	436,894
Turbo oil - Quantity .....	4,031	4,500	8,531	52	304	1,585	6	1,947	6,447
Cost .....	\$ 36,135	\$ 4,542	\$ 40,677	\$ 780	\$ 3,952	\$ 5,346	\$ 60	\$ 10,338	\$ 51,015
Other oil - Quantity .....	-	5,296	5,296	2,053	2,597	733	1,737	7,120	12,416
Cost .....	-	\$ 5,054	\$ 5,054	\$ 2,566	\$ 3,246	\$ 586	\$ 2,667	\$ 9,065	\$ 14,119
<b>Average number of employees:</b>									
Pilots and co-pilots .....	1,179	380	1,559	74	106	57	55	292	1,851
Other flight personnel .....	1,711	450	2,161	20	82	22	35	159	2,320
General management .....	86	119	205	22	116	52	23	213	418
Maintenance labour .....	3,437	742	4,179	213	216	122	111	662	4,841
Aircraft and traffic servicing .....	5,911	1,637	7,548	110	158	131	90	489	8,037
Other personnel .....	4,745	1,013	5,758	55	49	11	50	165	5,923
Total employees .....	17,069	4,341	21,410	494	727	395	364	1,980	23,390
<b>Salaries and wages:</b>									
Pilots and co-pilots .....	\$ 1,715,593	\$ 489,619	\$ 2,205,212	\$ 56,995	\$ 102,091	\$ 51,777	\$ 38,376	\$ 249,239	\$ 2,454,451
Other flight personnel .....	\$ 901,094	\$ 265,745	\$ 1,166,839	\$ 5,685	\$ 34,385	\$ 9,107	\$ 16,466	\$ 65,643	\$ 1,232,382
General management .....	\$ 194,221	\$ 125,798	\$ 320,019	\$ 24,533	\$ 68,047	\$ 37,018	\$ 24,616	\$ 154,214	\$ 474,233
Maintenance labour .....	\$ 2,397,278	\$ 475,752	\$ 2,873,030	\$ 97,169	\$ 173,217	\$ 61,788	\$ 62,349	\$ 394,523	\$ 3,267,553
Aircraft and traffic servicing .....	\$ 3,503,280	\$ 795,114	\$ 4,298,394	\$ 46,771	\$ 91,373	\$ 64,627	\$ 32,321	\$ 235,092	\$ 4,533,486
Other personnel .....	\$ 3,225,284	\$ 474,893	\$ 3,700,177	\$ 22,058	\$ 21,338	\$ 9,866	\$ 20,784	\$ 74,046	\$ 3,774,223
Total salaries and wages .....	\$ 11,936,750	\$ 2,626,921	\$ 14,563,671	\$ 253,211	\$ 490,451	\$ 234,183	\$ 194,912	\$ 1,172,757	\$ 15,736,428

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

May 1968

- 15 -

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	434,027	66,425	6,561	30,493	16,595	9,175	563,276
Domestic interline .....	83,542	8,873	2,386	-	-	-	101,850
Foreign interline .....	-	7,049	-	-	-	-	-
Totals(2) .....	517,569	82,347	8,947	30,493	16,595	9,175	665,126
<b>Express carried:</b>							
Originated .....	1,553,825	163,213	16,260	85,204	-	27,172	1,845,674
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,553,825	163,213	16,260	85,204	-	27,172	1,845,674
<b>Freight carried:</b>							
Originated .....	12,688,072	1,539,668	698,486	816,981	228,808	133,940	16,105,955
Domestic interline .....	-	38,919	-	-	-	-	38,919
Foreign interline .....	-	94,597	-	-	-	-	94,597
Totals(2) .....	12,688,072	1,673,184	698,486	816,981	228,808	133,940	16,239,471
<b>Excess baggage carried:</b>							
Originated .....	..	26,104	16,376	73,811	36,785	2,930	156,006(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	26,104	16,376	73,811	36,785	2,930	156,006(3)
<b>Mail carried:</b>							
Originated .....	3,694,350	392,964	243,913	207,573	45,648	45,029	4,629,477
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	3,694,350	392,964	243,913	207,573	45,648	45,029	4,629,477

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
May 1968

Unit toll:	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,484	961	659	128	4,232	15,134	19,366
Hours flown .....	3,390	4,901	2,049	759	11,099	18,822	29,921
Miles scheduled .....	981,842	2,386,085	783,494	373,379	4,524,800	5,458,846	9,983,646
Miles flown:							
Scheduled - Regular .....	972,360	2,371,286	778,560	373,379	4,495,585	5,418,787	9,914,372
Extra sections .....	9,806	3,795	21,004	-	34,605	135,369	169,974
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	982,166	2,375,081	799,564	373,379	4,530,190	5,554,156	10,084,346
Ratio of regular miles flown to miles scheduled .....	99.0	99.4	99.4	100.0	99.4	99.3	99.3
Passengers carried .....	No.						
Cargo carried .....	lb.						
Mail carried .....	"						
Passenger-miles .....	No.						
Available seat-miles on scheduled services	"	47,001,273	151,482,668	47,265,075	30,491,027	294,573,269	570,813,312
Passenger load factor on scheduled services		93,794,886	338,035,856	91,478,447	66,237,154	506,857,896	1,096,404,239
Goods ton-miles:							
Express .....	48,601	-	-	-	48,601	631,343	679,944
Freight .....	735,317	3,829,655	941,187	881,296	6,387,455	5,470,916	11,858,371
Excess baggage .....	-	16,164	17,684	16,889	50,737	454	51,191
Mail .....	55,926	283,342	180,111	233,919	753,298	1,592,891	2,346,189
Totals .....	839,844	4,129,161	1,138,982	1,132,104	7,240,091	7,695,604	14,935,695
Available ton-miles on scheduled service .....	"	12,992,331	50,831,694	11,743,556	9,761,475	76,380,735	161,709,791
Weight load factor on scheduled services(1)		42.6	37.9	49.9	42.8	48.6	44.5
Bulk:							
Departures .....	251	98	26	-	375	-	-
Hours flown .....	447	661	105	-	1,213	-	-
Miles flown .....	77,630	324,708	32,385	-	434,723	-	-
Passengers carried .....	2,456	10,033	1,575	-	14,064	-	-
Goods carried .....	24,843	-	2,346,805	-	24,843	-	-
Passenger-miles(2) .....	1,523,178	40,241,805	-	-	44,111,788	-	-
Goods ton-miles(2) .....	3,700	-	-	-	3,700	-	-
Total:							
Departures .....	2,735	1,059	685	128	4,607	-	-
Hours flown .....	3,837	5,562	2,154	759	12,312	-	-
Miles flown .....	1,059,796	2,699,789	831,949	373,379	4,964,913	-	-
Passengers carried .....	-	-	-	-	196,242	-	-
Goods carried .....	-	-	-	-	7,038,234	-	-
Passenger-miles(2) .....	48,524,451	191,724,473	49,611,880	30,491,027	320,351,831	-	-
Goods ton-miles(2) .....	843,544	4,129,161	1,138,982	1,132,104	7,243,791	-	-

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

May 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	128,517	141,829	270,346	39,008	41,232	80,240
Bulk ..... "	753	735	1,488	4,012	2,867	6,879
Totals ..... "	129,270	142,564	271,834	43,020	44,099	87,119
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,314,109	4,484,928	5,799,037	1,524,684	4,384,412	5,909,096
Bulk ..... "	-	-	-	1,517	-	1,517
Totals ..... "	1,314,109	4,484,928	5,799,037	1,526,201	4,384,412	5,910,613
Mail carried (unit toll) ..... "	237,514	391,127	628,641	170,016	224,914	394,930
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	9,074	12,493	21,567	176,599	195,554	372,153
Bulk ..... "	323	542	865	5,088	4,144	9,232
Totals ..... "	9,397	13,035	22,432	181,687	199,698	381,385
Freight, express and excess baggage carried:						
Unit toll ..... lb.	421,815	381,266	803,081	3,260,608	9,250,606	12,511,214
Bulk ..... "	-	-	-	1,517	-	1,517
Totals ..... "	421,815	381,266	803,081	3,262,125	9,250,606	12,512,731
Mail carried (unit toll) ..... "	118,790	78,388	197,178	526,320	694,429	1,220,749
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	82,737	95,526	178,263	93,862	100,028	193,890
Bulk ..... "	2,722	1,848	4,570	2,366	2,296	4,662
Totals ..... "	85,459	97,374	182,833	96,228	102,324	198,552
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,806,079	4,174,167	5,980,246	1,454,529	5,076,439	6,530,968
Bulk ..... "	-	-	-	1,517	-	1,517
Totals ..... "	1,806,079	4,174,167	5,980,246	1,456,046	5,076,439	6,532,485
Mail carried (unit toll) ..... "	337,058	258,699	595,757	189,262	435,730	624,992

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

May 1968

Type of service:	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	13,082	267,646	56,843	1,152,833	304	27,211	3,449	252,402
Recreational flying .....	1,469	36,651	6,648	141,060	129	13,230	440	47,906
Aerial photography and survey(1) ...	732	118,519	3,633	305,830	408	143,620	1,273	347,919
Aerial photography .....	40	3,221	102	6,647	8	689	26	3,190
Aerial inspection, reconnaissance and advertising(2) .....	2,095	286,241	5,590	768,884	1,278	207,417	2,963	630,529
Aerial application & distribution(3) ..	466	102,591	650	111,502	21	17,333	36	19,199
Aerial control .....	616	164,080	702	168,456	354	36,097	357	36,597
Aerial construction .....	-	-	-	-	9	1,117	23	4,979
Air ambulance and mercy services ...	3	294	14	1,530	1	113	9	2,095
Aircraft rental .....	1,825	43,751	7,717	155,285	80	6,000	399	30,000
Non-transportation charter .....	221	84,406	695	248,077	7	1,283	45	7,870
Totals .....	20,549	1,107,400	82,594	3,060,104	2,599	454,110	9,020	1,382,686

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

May 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 19	...	11	...	30	...
Helicopters - Owned .....	229	234	29	40	258	274
Leased .....	32	21	-	1	32	22
Totals .....	261	255	29	41	290	296
Revenue hours flown - Unit toll .....	-	-	-	-	-	-
Bulk .....	7,905	25,063	575	1,231	8,480	26,294
Specialty .....	2,215	7,442	384	1,578	2,599	9,020
Totals .....	10,120	32,505	959	2,810	11,079	35,315
Non-revenue hours flown .....	827	2,924	35	387	862	3,311
Fuel and oil consumed:						
Gasoline .....	gal. 240,954	770,061	14,749	44,717	255,703	814,778
Cost .....	\$ 108,991	346,724	6,813	21,027	115,804	367,751
Oil .....	gal. 2,477	10,993	280	727	2,757	11,720
Cost .....	\$ 5,233	21,334	530	1,343	5,763	22,677
Average number of employees:						
Pilots .....	No. 263	230	18	15	281	245
Administrative .....	122	120	1	1	123	121
Maintenance labour .....	247	249	13	10	260	259
Other personnel .....	25	19	-	-	25	19
Totals .....	657	618	32	26	689	644
Salaries and wages:						
Pilots .....	\$ 229,723	911,414	15,824	49,758	245,547	961,172
Administrative .....	87,985	405,801	650	2,650	88,635	408,451
Maintenance labour .....	149,823	734,590	7,004	25,204	156,827	759,794
Other personnel .....	7,389	37,126	-	-	7,389	37,126
Totals .....	474,920	2,088,931	23,478	77,612	498,398	2,166,543

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
May 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,228,264	3,731,878
Total transportation .....	1,228,264	3,731,878
Other flying services .....	417,308	1,236,273
Total flying services .....	1,645,572	4,968,151
Non-flying services .....	36,322	195,276
Total operating revenues .....	1,681,894	5,163,427
Operating expenses:		
Flying operations .....	615,621	2,568,466
Maintenance .....	389,526	2,148,825
General service and administration .....	195,291	812,827
Depreciation and amortization .....	116,471	654,337
Total operating expenses .....	1,316,909	6,184,455
Operating income (deficit) .....	364,985	Dr. 1,021,028
Non-operating income:		
Capital gains and losses .....	8,361	20,588
Interest and discounts .....	1	895
Miscellaneous non-operating income .....	34,055	35,558
Income before interest expense .....	407,402	Dr. 963,987
Interest expense .....	62,630	179,949
Income before income taxes .....	344,772	Dr. 1,143,936
Provision for income taxes .....	300	1,500
Net income after income taxes .....	344,472	Dr. 1,145,436

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Passenger Load-Factor:	- See Load Factor, Passenger.
Passenger-Mile:	The transportation of one passenger one mile.
Non-Revenue Passenger:	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

51-001

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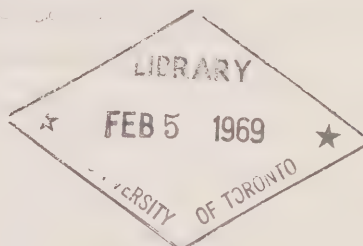


Government  
Publications

# CIVIL AVIATION

JUNE 1968

*Transcontinental Airlines*



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## TABLE OF CONTENTS

Page

Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

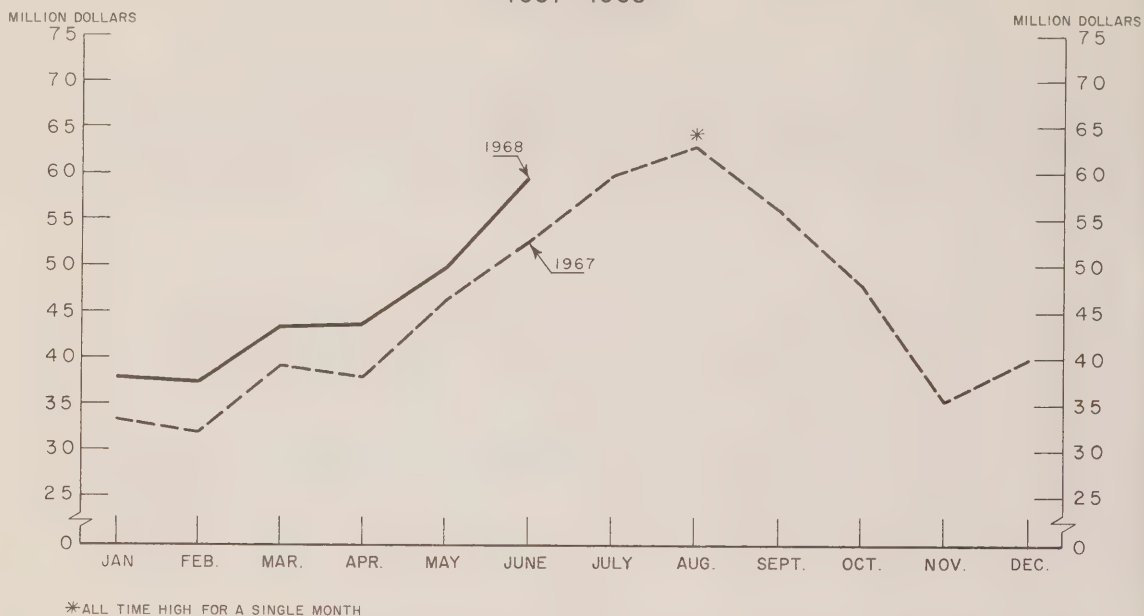
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

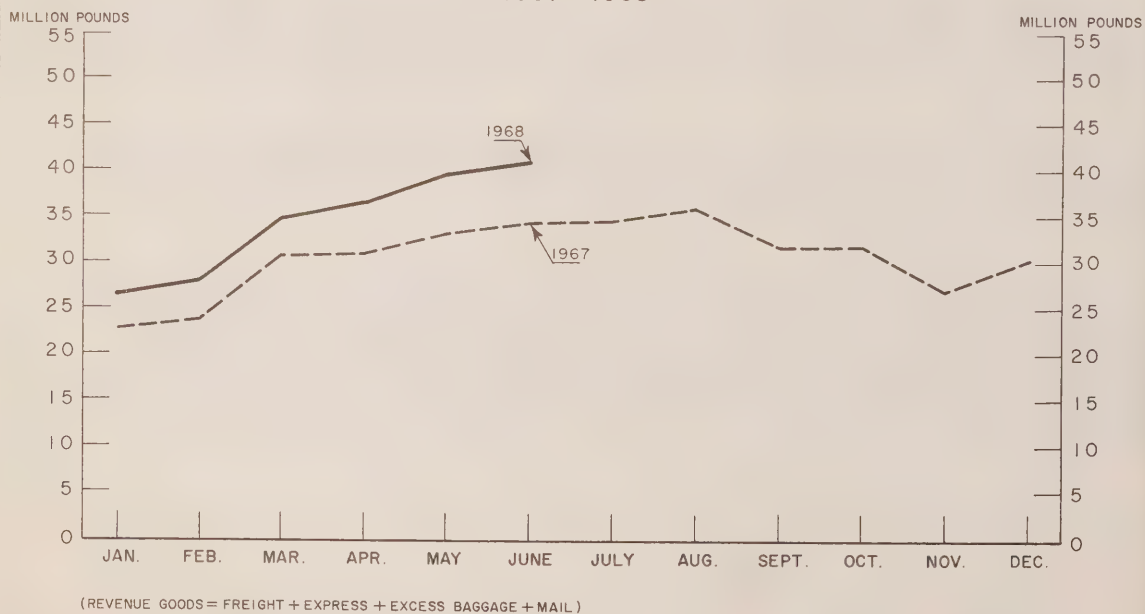
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



# REVIEW OF JUNE OPERATIONS

(June 1967 figures in brackets)

Operations of Canadian carriers for June showed generally increased activity when compared with June 1967. In transportation services, number of revenue passengers carried increased 1.3 per cent to 869,885 (858,302) while weight of goods carried was 18.6 per cent higher at 20,346 (17,149) tons. Revenue passenger-miles were up 16.4 per cent to 806,888,022 (693,329,105) while goods ton-miles rose by 34.8 per cent to 18,153,778 (13,463,082). For all services, revenue miles flown showed an increase of 9.8 per cent to 17,183,429 (15,643,533).

Operating revenues totalled \$59,328,995 (\$52,518,327), up 13.0 per cent, while expenses increased 9.2 per cent to \$49,741,462 (\$45,552,738). The resultant operating income was \$9,587,533 (\$6,965,589). The net income after taxes amounted to \$7,948,807 (\$5,606,565).

The nineteen (16) carriers operating helicopters exclusively flew 16,301 (17,234) revenue hours using 269 (238) helicopters. They reported operating revenues of \$2,416,511 (\$2,653,650) and expenses of \$1,649,269 (\$1,576,826). Eight (12) carriers operating both helicopters and fixed-wing aircraft reported 1,229 (2,647) revenue hours flown with 27 (69) helicopters.

In June, the six scheduled carriers transported 748,727 (744,574) revenue passengers, or 86.1 (86.7) per cent of the total for Canadian carriers, as well as 11,739 (10,365) tons of revenue goods, or 57.7 (60.4) per cent of the total weight of revenue goods carried. Operating revenues of \$49,380,707 (\$43,633,860) and expenses amounting to \$42,151,191 (\$39,266,988) were reported, accounting for 83.2 (83.1) per cent and 84.7 (86.2) per cent respectively of the totals for all Canadian carriers.

On international scheduled services for the month under review, Canadian air carriers transported 239,740 (213,659) revenue passengers, or 36.5 (32.3) per cent of the total for all unit toll services of Canadian carriers. Passenger-miles on international scheduled services amounted to 326,179,813 (269,822,371) or 47.9 (43.8) per cent of unit toll passenger-miles. By area of service, the proportional breakdown of international passenger-miles is shown below:

<u>Area</u>	<u>Percentage</u>
Transborder .....	17.8
Trans-Atlantic and Polar .....	59.3
Southern .....	13.0
Pacific and Orient .....	9.9
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 237,156 (282,982) revenue passengers and 3,585 (2,882) tons of revenue goods into and out of Canada, indicating a decrease in passenger traffic of 16.2 per cent and an increase in goods traffic of 24.4 per cent over June of 1967.

## Cumulative Data, Year-to-Date

In the first six months of 1968, Canadian carriers transported 4,301,483 (4,058,708) passengers, up 6.0 per cent over the first six months of last year. Weight of revenue goods carried was 17.3 per cent higher at 102,821 (87,637) tons. Revenue miles flown increased to 83,055,072 (72,521,811) or by 15.9 per cent. Operating revenues were 12.8 per cent higher at \$271,589,962 (\$240,725,960) while expenses were up 12.9 per cent to \$274,940,298 (\$243,618,522). The operating loss was \$3,350,336 (\$2,892,562) and the net deficit after taxes \$11,383,090 (\$9,006,271).

Foreign carriers operating scheduled services in Canada reported an increase of 8.1 per cent in revenue passengers carried with a total for six months of 1,134,963 (1,049,483). Weight of goods carried was up 22.6 per cent, to 19,350 (15,781) tons for the first six months of 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

June 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	29	80	109	115	11	11	137	...
Revenue transportation services:									
Unit toll:									
Departures .....	25,859	6,262	3,793	10,055	35,914	..	..	..	..
Hours flown .....	36,972	3,428	1,928	5,356	42,328	571	16,987	59,886	259,404
Miles scheduled .....	10,862,274	...	...	...	10,862,274	197,127	792,614	11,852,015	65,930,789
Miles flown:(4)									
Scheduled .....	11,112,665	...	...	...	11,112,665	194,638	813,529	12,120,832	66,500,891
Non-scheduled .....	213,978	471,038	264,226	735,264	949,242	-	-	949,242	4,896,201
Totals .....	11,326,643	471,038	264,226	735,264	12,061,907	194,638	813,529	13,070,074	71,397,092
Passengers carried .....	727,844	12,326	7,590	19,916	747,760	178,260	53,348	979,368	5,074,797
Goods carried:									
Cargo .....	16,869,615	810,510	275,415	1,085,925	17,955,540	2,757,162	3,729,033	24,683,222	140,776,812
Excess baggage(5) .....	170,771	57,663	13,053	70,716	241,487	359,388	269,616	5,432,726	33,473,761
Mail .....	4,473,685	211,610	118,427	330,037	4,803,722	3,116,550	3,998,649	30,115,948	174,250,573
Totals .....	21,514,071	1,079,783	406,895	1,486,678	23,000,749	7,847,853	44,983,410	758,015,794	3,649,332,517
Passenger-miles .....	701,328,338	2,705,167	1,151,026	3,856,193	705,184,531				
Goods ton-miles:									
Cargo .....	14,021,561	282,405	23,663	306,068	14,327,629	70,229	1,634,650	16,137,110	88,196,412
Excess baggage(5) .....	92,218	11,002	1,382	12,384	104,602	8,112	106,614	2,615,836	16,386,365
Mail .....	2,438,844	48,428	13,838	62,266	2,501,110	78,341	1,741,264	18,752,946	104,582,777
Totals .....	16,552,623	341,835	38,883	380,718	16,933,341				
Bulk:									
Departures .....	2,436	18,896	27,672	46,568	49,004	..	..	..	..
Hours flown .....	3,221	22,324	25,091	47,415	50,636	3	106	50,745	162,037
Miles flown .....	699,958	1,906,258	2,515,306	4,421,564	5,121,522	973	35,234	5,157,729	16,786,594
Passengers carried .....	20,883	45,931	55,311	101,242	122,125	844	4,704	127,673	361,649
Freight carried .....	1,965,682	8,546,667	7,178,481	15,725,148	17,690,830	-	55,548	17,746,378	70,089,565
Passenger-miles(6) .....	44,883,758	56,040,685	779,048	56,819,733	101,703,491	..	..	..	..
Goods ton-miles(6) .....	491,948	669,207	59,282	728,489	1,220,437	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	377	11,107	13,223	24,330	24,707	-	-	24,707	116,321

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

June 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	No.	28,295	25,158	31,465	56,623	84,918	..	..	135,338	..
Hours flown .....	"	40,570	36,859	40,242	77,101	117,671	..	574	17,093	..
Miles flown .....	"	12,026,601	2,377,296	2,779,532	5,156,828	17,183,429	..	195,611	848,763	88,183,686
Passengers carried .....	"	748,727	58,257	62,901	121,158	869,885	..	179,104	58,052	5,436,446
Cargo carried .....	lb.	18,835,297	9,357,177	7,453,896	16,811,073	35,887,857(8)	..	2,757,162	3,784,581	42,429,600
Goods carried .....	"	23,479,753	9,626,450	7,585,376	17,211,826	40,691,579	..	3,116,550	4,054,197	210,673,858
Passenger-miles(6) .....	No.	746,212,096	58,745,852	1,930,074	60,675,926	806,888,022	..	..	..	244,340,138
Goods ton-miles(6) .....	"	17,044,571	1,011,042	98,165	1,109,207	18,153,778	..	..	..	..
Non-revenue:										
Hours flown .....	"	1,444	1,426	1,429	2,855	4,299	..	3	10	23,238
Passengers carried .....	"	3,712	158	43	201	3,913	..	3,426	1,113	8,452
Goods carried .....	lb.	243,749	39,931	7,574	47,505	291,254	..	45,182	58,462	29,239,548
Passenger-miles .....	No.	32,523,033	134,353	13,239	197,592	32,720,625	..	156,881	883,760	13,110,798
Goods ton-miles .....	"	659,980	27,221	763	27,984	697,964	..	1,094	19,824	5,378,855
Fuel and oil consumed:										
Turbo fuel - Quantity .....	gal.	30,606,426	1,314,667	79,195	1,393,862	32,000,288	..	1,164,098	5,336,519	203,348,214
Cost .....	\$	4,411,874	267,151	24,689	291,840	4,703,714	..	206,649	864,046	29,239,548
Gasoline - Quantity .....	gal.	1,327,916	1,123,250	698,775	1,822,025	3,149,941	..	-	-	1,256,490
Cost .....	\$	451,904	481,282	313,304	794,586	1,256,490	..	-	-	8,245
Turbo oil - Quantity .....	gal.	6,437	113	1,309	1,422	7,859	..	242	144	56,320
Cost .....	\$	52,127	1,038	248	1,289	53,413	..	1,556	1,351	183,828
Other oil - Quantity .....	gal.	13,231	19,289	12,610	31,899	45,130	..	-	-	67,151
Cost .....	\$	15,500	30,745	20,906	51,651	67,151	..	-	-	264,030
Average number of employees:										
Pilots and co-pilots .....	No.	1,846	636	615	1,251	3,097	..	..	..	..
Other flight personnel .....	"	2,389	140	38	178	2,567	..	..	..	..
General management .....	"	433	186	147	333	766	..	..	..	..
Maintenance labour .....	"	4,856	584	466	1,050	5,906	..	..	..	..
Aircraft & traffic servicing .....	"	8,110	222	108	330	8,440	..	..	..	..
Other personnel .....	"	5,913	337	170	507	6,420	..	..	..	..
Totals .....	"	23,547	2,105	1,544	3,649	27,196	..	654	816	27,643
Salaries and wages paid:										
Pilots and co-pilots .....	\$	2,519,935	554,907	453,088	1,007,995	3,527,930	..	..	..	..
Other flight personnel .....	"	1,256,853	174,969	82,625	82,625	1,339,478	..	..	..	..
General management .....	"	493,179	158,530	91,473	250,003	743,182	..	..	..	..
Maintenance labour .....	"	3,060,127	355,602	233,063	588,665	3,648,792	..	..	..	..
Aircraft & traffic servicing .....	"	4,490,590	96,424	41,038	137,462	4,628,052	..	..	..	..
Other personnel .....	"	3,726,690	123,700	56,431	180,131	3,906,821	..	..	..	..
Totals .....	"	15,547,374	1,336,819	890,062	2,246,881	17,794,255	..	413,192	505,535	107,567,073

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

June 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
							dollars	
<b>Operating revenues:</b>								
Unit toll transportation:								
Passengers .....	39,500,302	1,888,640	41,388,942	394,800	153,066	547,866	41,936,808	199,974,563
Express .....	631,432	40,905	672,337	4,993	1,694	6,687	679,024	3,667,407
Freight .....	2,845,774	275,673	3,119,447	184,852	23,843	208,695	3,328,142	17,541,459
Excess baggage .....	181,471	34,399	215,870	13,192	2,177	15,369	231,239	1,251,111
Mail .....	1,670,341	157,680	1,828,021	71,024	26,303	97,327	1,925,348	12,072,141
Total unit toll transportation ..	44,827,320	2,397,297	47,224,617	668,861	207,083	875,944	48,100,561	234,506,681
Bulk transportation .....	640,625	1,294,006	1,934,631	4,704,778	2,377,373	7,082,151	9,016,782	25,326,838
Total transportation .....	45,467,945	3,691,303	49,159,248	5,373,639	2,584,456	7,958,095	57,117,343	260,833,519
Other flying services .....	16,543	175,859	192,402	1,004,206	522,180	1,526,386	1,718,788	6,250,050
Total flying services .....	45,484,488	3,867,162	49,351,650	6,377,845	3,106,636	9,484,481	58,836,131	267,083,569
Non-flying services .....	11,972	17,085	29,057	197,132	266,675	463,807	492,864	4,506,393
Total operating revenues .....	45,496,460	3,884,247	49,380,707	6,574,977	3,373,311	9,948,288	59,328,995	271,589,962
<b>Operating expenses:</b>								
Flying operations .....	9,848,966	1,132,035	10,981,001	2,246,392	1,218,593	3,464,985	14,445,986	75,057,916
Maintenance .....	6,852,587	867,079	7,719,666	1,315,561	665,505	1,981,066	9,700,732	56,937,624
General services and administration:								
Passenger service .....	4,168,726	187,880	4,356,606	..	..	..	..	..
Aircraft and traffic servicing ..	5,649,020	425,235	6,074,255	..	..	..	..	..
Promotion and sales .....	6,855,688	346,046	7,201,734	..	..	..	..	..
General administration .....	1,692,555	303,978	1,996,533	..	..	..	..	..
Totals .....	18,365,989	1,263,139	19,629,128	1,140,106	404,674	1,544,780	21,173,908	116,732,882
Depreciation and amortization .....	3,806,132	15,264	3,821,396	356,599	242,841	599,440	4,420,836	26,211,876
Total operating expenses .....	38,873,674	3,277,517	42,151,191	5,058,658	2,531,613	7,590,271	49,741,462	274,940,298
Operating income (loss) .....	6,622,786	606,730	7,229,516	1,516,319	841,698	2,358,017	9,587,533	Dr. 3,350,336
Non-operating income - Net:								
Capital gains and losses .....	-	125,765	125,765	Dr. 87,149	1,218	85,931	39,834	626,774
Interest and discounts .....	440,119	24,324	464,443	33,343	7,218	40,561	505,004	3,302,394
Miscellaneous non-operating income ..	6,106	5,539	567	4,114	12,958	17,072	16,505	152,290
Income before interest expense .....	7,056,799	762,358	7,819,157	1,466,627	863,092	2,329,719	10,148,876	731,122
Interest expense .....	1,809,997	176,241	1,986,238	158,617	53,352	211,969	2,198,207	12,121,599
Income before income taxes .....	5,246,802	586,117	5,832,919	1,308,010	809,740	2,117,750	7,950,669	Dr. 11,390,477
Provision for income taxes .....	-	-	-	4,939	3,077	1,862	1,862	Cr. 7,387
Net income after income taxes .....	5,246,802	586,117	5,832,919	1,303,071	812,817	2,115,888	7,948,807	Dr. 11,383,090

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

June 1968

- 11 -

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers .....	31,509,208	7,991,094	281,845	797,420	496,400	312,975	41,388,942	197,656,772
Express .....	573,216	58,216	4,413	27,962	-	8,530	672,337	3,611,052
Freight .....	2,145,666	698,108	75,451	109,257	66,405	24,560	3,119,447	16,612,157
Excess baggage .....	118,953	62,518	5,091	19,063	8,218	2,027	215,870	1,193,552
Mail .....	1,132,589	537,752	60,886	62,431	8,014	26,349	1,828,021	11,406,623
Total unit toll transportation ..	35,479,632	9,347,688	427,686	1,016,133	579,037	374,441	47,224,617	230,480,156
Bulk transportation:								
Bulk transportation .....	580,423	60,202	155,673	894,400	5,757	238,176	1,934,631	5,845,005
Total transportation .....	36,060,055	9,407,890	583,359	1,910,533	584,794	612,617	49,159,248	236,325,161
Other flying services .....	16,543	-	175,859	-	-	-	192,402	505,436
Total flying services .....	36,076,598	9,407,890	759,218	1,910,533	584,794	612,617	49,351,650	236,830,597
Non-flying services .....	102,247	114,219	15,564	-	Dr.	4,829	29,057	2,470,027
Total operating revenues .....	35,974,351	9,522,109	774,782	1,910,533	581,486	617,446	49,380,707	239,300,624
Operating expenses:								
Flying operations .....	7,174,435	2,674,531	253,842	557,395	138,261	182,537	10,981,001	60,782,423
Maintenance .....	5,708,768	1,143,819	135,607	346,499	201,322	183,651	7,719,666	47,439,265
General services and administration:								
Passenger service .....	3,271,393	897,333	22,922	110,161	19,867	34,930	4,356,606	23,868,354
Aircraft and traffic servicing .....	4,607,024	1,041,996	206,484	168,699	41,578	8,474	6,074,255	35,924,971
Promotion and sales .....	4,898,020	1,957,668	17,659	131,677	102,370	94,340	7,201,734	38,521,431
General administration .....	1,268,456	424,099	40,124	149,108	76,186	38,560	1,996,533	11,540,337
Totals .....	14,044,893	4,321,096	287,189	559,645	240,001	176,304	19,629,128	109,855,093
Depreciation and amortization .....	3,663,980	142,152	54,883	65,452	6,838	18,995	3,821,396	23,127,371
Total operating expenses .....	30,592,076	8,281,598	731,521	1,398,087	586,422	561,487	42,151,191	241,204,152
Operating income (loss) .....	5,382,275	1,240,511	43,261	512,446	4,936	55,959	7,229,516	Dr. 1,903,528
Non-operating income - Net:								
Capital gains and losses .....	-	-	-	125,765	-	-	125,765	206,874
Interest and discounts .....	383,758	56,361	119	24,205	-	-	464,443	3,144,765
Miscellaneous non-operating income ..	5,648	Dr. 11,754	14	7,823	Dr. 1,719	Dr. 579	567	Dr. 143,197
Income before interest expense .....	5,771,681	1,285,118	43,394	670,239	6,655	55,380	7,819,157	1,304,914
Interest expense .....	1,419,997	390,000	39,255	86,918	45,001	5,067	1,986,238	11,037,192
Income before income taxes .....	4,351,684	895,118	4,139	583,321	Dr. 51,656	50,313	5,832,919	Dr. 9,732,278
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	4,351,684	895,118	4,139	583,321	Dr. 51,656	50,313	5,832,919	Dr. 9,732,278

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

June 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	16,932	2,649	19,581	1,085	1,838	2,451	904	6,278	25,859
Hours flown .....	25,687	5,346	31,033	1,085	1,884	1,855	1,115	5,939	36,972
Miles scheduled .....	8,109,986	1,982,825	10,092,811	43,423	314,843	282,980	128,217	769,463	10,862,274
Miles flown:									
Scheduled - Regular .....	8,031,288	1,981,563	10,012,851	42,596	304,169	265,729	127,214	739,708	10,752,559
Extra sections .....	317,146	5,969	323,115	2,692	13,699	-	20,600	36,991	360,106
Non-scheduled .....	-	-	-	122,589	36,420	29,795	25,174	213,978	213,978
Totals .....	8,348,434	1,987,532	10,335,966	167,877	354,288	295,524	172,988	990,677	11,326,643
Ratio of regular miles flown to miles scheduled .....	99.0	99.9	99.2	98.1	96.6	93.9	99.2	96.1	99.0
Passengers carried .....	565,482	92,125	657,607	9,069	32,828	17,566	10,774	70,237	727,844
Goods carried:									
Freight .....	11,181,194	2,060,044	13,241,238	638,542	800,088	254,701	185,571	1,878,902	15,120,140
Express .....	1,451,580	164,883	1,616,463	12,767	90,450	-	29,795	133,012	1,749,475
Excess baggage(2) .....	-	28,689	28,689	17,058	79,619	34,885	10,520	142,082	170,771
Mail .....	3,528,402	391,173	3,919,575	229,600	217,803	42,679	64,028	554,110	4,473,685
Totals .....	16,161,176	2,644,789	18,805,965	897,967	1,187,960	332,265	289,914	2,708,106	21,514,071
Passenger-miles:									
Scheduled .....	534,149,899	147,222,780	681,372,679	619,339	8,352,418	4,685,257	3,628,676	17,285,690	698,658,369
Non-scheduled .....	-	-	-	2,071,896	15,978	382,109	199,986	2,669,969	2,669,969
Totals .....	534,149,899	147,222,780	681,372,679	2,691,235	8,368,396	5,067,366	3,828,662	19,955,659	701,328,338
Available seat-miles on scheduled services .....	834,303,423	289,383,497	1,123,686,920	1,504,204	18,786,843	8,888,174	7,205,170	36,384,391	1,160,071,311
Passenger load factor on scheduled services .....	64.0	50.9	60.6	41.2	44.5	52.7	50.4	47.5	60.2
Goods ton-miles:									
Freight - Scheduled .....	9,871,631	2,955,927	12,827,558	8,481	210,398	49,145	37,800	305,824	13,133,382
Non-scheduled .....	-	-	-	152,567	1,631	3,263	4,540	162,001	162,001
Totals .....	9,871,631	2,955,927	12,827,558	161,048	212,029	52,408	42,340	467,825	13,295,383
Express - Scheduled .....	623,067	69,900	692,967	255	25,306	-	5,488	31,049	724,016
Non-scheduled .....	-	-	-	1,717	2,162	-	445	2,162	2,162
Totals .....	623,067	69,900	692,967	1,972	25,306	-	5,933	33,211	726,178

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

June 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	62,541	62,541	263	15,777	5,510	2,140	23,690	86,231
Non-scheduled ... " "	..	-	-	4,404	262	1,308	13	5,987	5,987
Totals .....	..	62,541	62,541	4,667	16,039	6,818	2,153	29,677	92,218
Mail - Scheduled .....	1,854,458	460,110	2,314,568	7,443	63,545	5,497	7,972	84,457	2,399,025
Non-scheduled .....	-	-	-	34,912	349	4,190	4,190	39,819	39,819
Totals .....	1,854,458	460,110	2,314,568	42,355	63,894	5,865	12,162	124,276	2,438,844
Total - Scheduled .....	12,349,156	3,548,478	15,897,634	16,442	315,026	60,152	53,400	445,020	16,342,654
Non-scheduled .....	-	-	-	193,600	2,242	4,939	9,188	209,969	209,969
Totals .....	12,349,156	3,548,478	15,897,634	210,042	317,268	65,091	62,588	654,989	16,552,623
Available ton-miles on scheduled services .....	125,060,366	41,329,072	166,389,438	176,049	2,408,421	890,648	806,524	4,281,642	170,671,080
Weight load factor on scheduled services(3) .....	52.6	44.2	50.5	44.5	47.8	59.4	51.6	50.8	50.5
Bulk:									
Departures .....	186	18	204	1,367	587	23	255	2,232	2,436
Hours flown .....	500	53	553	1,212	784	39	633	2,668	3,221
Miles flown .....	207,954	21,855	229,809	116,820	229,827	5,416	118,086	470,149	699,958
Passengers carried .....	7,956	609	8,565	2,670	7,619	128	1,901	12,318	20,883
Freight carried .....	-	-	-	540,693	866,542	-	558,447	1,965,682	1,965,682
Passenger-miles(4) .....	17,750,167	1,761,259	19,511,426	311,694	23,260,965	107,083	1,692,590	25,372,332	44,883,758
Goods ton-miles(4) .....	-	-	-	991	233,621	-	257,336	491,948	491,948
Revenue non-transportation services:									
Specialty flying - Hours flown .....	66	-	66	311	-	-	-	311	377
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	17,118	2,667	19,785	2,452	2,425	2,474	1,159	8,510	28,295
Hours flown .....	26,253	5,399	31,652	2,608	2,668	1,894	1,748	8,916	40,570
Miles flown .....	8,556,388	2,009,387	10,565,775	284,697	584,115	300,940	291,074	1,460,826	12,026,601
Passengers carried .....	573,438	92,474	665,912	11,739	40,447	17,694	12,675	82,555	748,727
Cargo carried .....	12,632,774	2,224,927	14,857,701	1,192,002	1,757,080	254,701	773,813	3,977,596	18,835,297
Goods carried .....	16,161,176	2,644,789	18,805,965	1,438,660	2,054,502	332,265	848,361	4,673,788	23,479,753
Passenger-miles(4) .....	551,900,066	148,984,039	700,884,105	3,002,929	31,629,361	5,174,449	5,521,252	45,327,991	746,212,096
Goods ton-miles(4) .....	12,349,156	3,548,478	15,897,634	211,033	550,889	65,091	319,924	1,146,937	17,044,571

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

June 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total	
<b>Total - All services - Concluded:</b>									
Traffic, hours and miles -									
Concluded:(5)									
Non-revenue:									
Hours flown .....	665	218	883	242	171	27	121	561	1,444
Passengers carried .....	..	2,829	2,829	224	340	195	124	883	3,712
Goods carried .....	..	200,197	200,197	12,229	14,638	-	16,685	43,552	243,749
Passenger-miles .....	25,709,814	6,437,020	32,146,834	73,417	190,680	63,697	48,405	376,199	32,523,033
Goods ton-miles .....	530,953	112,038	642,991	525	21,942	-	4,522	26,989	669,980
<b>Fuel and oil consumed:</b>									
Turbo fuel - Quantity .....	23,513,020	5,874,140	29,387,160	120,465	769,705	282,705	46,391	1,219,266	30,606,426
Cost .....	3,262,389	890,651	4,153,040	26,502	162,201	59,368	10,763	238,834	4,411,874
Gasoline - Quantity .....	-	630,142	630,142	174,868	236,142	26,394	260,131	697,774	1,327,916
Cost .....	-	181,729	181,729	59,941	110,184	8,710	101,340	280,175	461,904
Turbo oil - Quantity .....	4,194	373	4,567	67	290	1,507	6	1,870	6,437
Cost .....	38,124	3,893	42,017	1,005	3,770	5,275	60	10,110	52,127
Other oil - Quantity .....	-	5,282	5,282	2,690	2,956	266	2,037	7,949	13,231
Cost .....	-	5,024	5,024	3,363	3,677	213	3,223	10,476	13,500
<b>Average number of employees:</b>									
Pilots and co-pilots .....	1,169	380	1,549	76	106	57	58	297	1,846
Other flight personnel .....	1,758	470	2,228	20	82	21	38	161	2,389
General management .....	95	125	220	22	116	52	23	213	433
Maintenance labour .....	3,450	739	4,189	216	216	122	113	667	4,856
Aircraft and traffic servicing .....	5,985	1,632	7,617	113	158	130	92	493	8,110
Other personnel .....	4,742	1,004	5,746	54	49	11	53	167	5,913
Total employees .....	17,199	4,350	21,549	501	727	393	377	1,998	23,547
<b>Salaries and wages:</b>									
Pilots and co-pilots .....	1,717,192	490,117	2,207,309	92,469	117,845	53,611	48,701	312,626	2,519,935
Other flight personnel .....	903,438	282,216	1,185,654	9,726	37,169	7,810	16,494	71,199	1,256,853
General management .....	211,507	126,564	338,071	24,308	69,672	36,655	24,473	155,108	493,179
Maintenance labour .....	2,122,973	484,540	2,607,513	156,456	170,184	66,386	59,588	452,614	3,060,127
Aircraft and traffic servicing .....	3,431,936	785,743	4,217,679	75,929	100,068	63,915	32,999	272,911	4,490,590
Other personnel .....	3,168,310	472,148	3,640,458	33,226	21,243	9,275	22,488	86,232	3,726,690
Total salaries and wages .....	11,555,356	2,641,328	14,196,684	392,114	516,181	237,652	204,743	1,350,690	15,547,374

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

June 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	TransAir Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	462,150	73,599	6,116	31,446	17,566	10,592	601,469
Domestic interline .....	103,332	9,352	2,908	-	-	-	124,663
Foreign interline .....	-	9,071	-	-	-	-	-
Totals(2) .....	565,482	92,022	9,024	31,446	17,566	10,592	726,132
<b>Express carried:</b>							
Originated .....	1,451,580	164,883	12,761	90,451	-	29,795	1,749,470
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,451,580	164,883	12,761	90,451	-	29,795	1,749,470
<b>Freight carried:</b>							
Originated .....	11,181,194	1,647,641	637,247	771,426	254,701	162,778	14,654,987
Domestic interline .....	-	29,330	-	-	-	-	29,330
Foreign interline .....	-	138,940	-	-	-	-	138,940
Totals(2) .....	11,181,194	1,815,911	637,247	771,426	254,701	162,778	14,823,257
<b>Excess baggage carried:</b>							
Originated .....	..	28,689	17,058	71,613	34,885	10,520	162,765(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	28,689	17,058	71,613	34,885	10,520	162,765(3)
<b>Mail carried:</b>							
Originated .....	3,528,402	378,680	211,285	212,906	42,679	41,892	4,415,844
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	3,528,402	378,680	211,285	212,906	42,679	41,892	4,415,844

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

June 1968

Unit toll:	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,498	946	644	135	4,223	15,358	19,581
Hours flown .....	3,525	4,869	1,979	760	11,133	19,900	31,033
Miles scheduled .....	971,262	2,288,487	784,679	379,446	4,423,874	5,668,937	10,092,811
Miles flown:							
Scheduled - Regular .....	960,445	2,282,046	772,407	379,446	4,394,344	5,618,507	10,012,851
Extra sections .....	14,169	87,831	-	-	102,000	221,115	323,115
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	974,614	2,369,877	772,407	379,446	4,496,344	5,839,622	10,335,966
Ratio of regular miles flown to miles scheduled .....	98.9	99.7	98.4	100.0	99.3	99.1	99.2
Passengers carried .....	..	..	..	..	239,740	417,867	657,607
Cargo carried .....	..	..	..	..	7,387,236	7,499,154	14,886,390
Mail carried .....	..	..	..	..	463,965	3,455,610	3,919,575
Passenger-miles .....	58,164,713	193,574,566	42,296,169	32,144,365	326,179,813	355,192,866	681,372,679
Available seat-miles on scheduled services .....	92,336,686	342,498,494	89,003,147	66,609,678	590,448,005	533,238,915	1,123,686,920
Passenger load factor on scheduled services .....	63.0	56.5	47.5	48.3	55.2	66.6	60.6
Goods ton-miles:							
Express .....	53,071	4,808,258	-	-	53,071	639,896	692,967
Freight .....	766,289	4,205,258	1,007,799	995,473	7,577,819	5,249,739	12,827,558
Excess baggage .....	21	12,977	24,869	24,391	62,258	283	62,541
Mail .....	54,975	378,114	168,512	241,685	843,286	1,471,282	2,314,568
Totals .....	874,356	5,199,349	1,201,180	1,261,549	8,536,434	7,361,200	15,897,634
Available ton-miles on scheduled service ....	12,909,781	51,863,586	11,264,094	9,780,170	85,817,631	80,571,807	166,389,438
Weight load factor on scheduled services(1)	51.8	47.3	48.2	45.8	48.0	53.2	50.5
Bulk:							
Departures .....	432	237	-	-	669	...	...
Hours flown .....	627	1,527	-	-	2,154	...	...
Miles flown .....	108,025	749,126	-	-	857,151	...	...
Passengers carried .....	2,774	22,371	-	-	25,145	...	...
Goods carried .....	144,253	93,162,970	-	-	144,253	...	...
Passenger-miles(2) .....	1,162,557	-	-	-	94,325,527	...	...
Goods ton-miles(2) .....	19,235	-	-	-	19,235	...	...
Total:							
Departures .....	2,930	1,183	644	135	4,892	...	...
Hours flown .....	4,152	6,396	1,979	760	13,287	...	...
Miles flown .....	1,082,639	3,119,003	772,407	379,446	5,353,485	...	...
Passengers carried .....	..	..	..	..	264,885	...	...
Goods carried .....	..	..	..	..	7,995,454	...	...
Passenger-miles(2) .....	..	..	..	..	420,505,340	...	...
Goods ton-miles(2) .....	..	..	..	..	8,555,669	...	...

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
June 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	154,714	159,630	314,344	49,898	49,379	99,277
Bulk ..... "	622	1,080	1,702	4,728	4,850	9,578
Totals ..... "	155,336	160,710	316,046	54,626	54,229	108,855
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,263,632	4,374,465	5,638,097	1,384,735	4,484,201	5,868,936
Bulk ..... "	-	-	-	-	55,548	55,548
Totals ..... "	1,263,632	4,374,465	5,638,097	1,384,735	4,539,749	5,924,484
Mail carried (unit toll) ..... "	239,929	375,822	615,751	178,668	282,567	461,235
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	9,467	11,110	20,577	214,079	220,119	434,198
Bulk ..... "	-	-	-	5,350	5,930	11,280
Totals ..... "	9,467	11,110	20,577	219,429	226,049	445,478
Freight, express and excess baggage carried:						
Unit toll ..... lb.	354,092	389,638	743,730	3,002,459	9,248,304	12,250,763
Bulk ..... "	-	-	-	-	55,548	55,548
Totals ..... "	354,092	389,638	743,730	3,002,459	9,303,852	12,306,311
Mail carried (unit toll) ..... "	117,768	75,502	193,270	536,365	733,891	1,270,256
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	98,714	103,876	202,590	115,365	116,243	231,608
Bulk ..... "	3,122	2,610	5,732	2,228	3,320	5,548
Totals ..... "	101,836	106,486	208,322	117,593	119,563	237,156
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,622,702	4,141,866	5,764,568	1,379,757	5,106,438	6,486,195
Bulk ..... "	-	-	-	-	55,548	55,548
Totals ..... "	1,622,702	4,141,866	5,764,568	1,379,757	5,161,986	6,541,743
Mail carried (unit toll) ..... "	347,642	293,610	641,252	188,723	440,281	629,004

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

June 1968

	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	10,706	206,004	67,549	1,358,837	226	10,438	3,675	262,840
Recreational flying .....	2,313	62,571	8,961	203,631	105	10,990	545	58,896
Aerial photography and survey(1) ...	969	143,504	4,602	449,334	766	174,072	2,039	521,991
Aerial photography .....	44	2,556	146	9,203	7	257	33	3,447
Aerial inspection, reconnaissance and advertising(2) .....	2,502	292,967	8,092	1,061,851	1,994	289,709	4,957	920,238
Aerial application & distribution(3) ..	773	127,930	1,423	239,432	10	1,380	46	20,579
Aerial control .....	306	113,239	1,008	281,695	321	37,517	678	74,114
Aerial construction .....	-	-	-	-	-	-	23	4,979
Air ambulance and mercy services ...	13	1,386	27	2,916	1	138	10	2,233
Aircraft rental .....	3,048	69,317	10,765	224,602	62	4,334	461	34,334
Non-transportation charter .....	513	56,658	1,208	304,735	28	5,383	73	13,253
Totals .....	21,187	1,076,132	103,781	4,136,236	3,520	534,218	12,540	1,916,904

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

June 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 19	...	8	...	27	...
Helicopters - Owned .....	" 231	234	26	38	257	272
Leased .....	" 38	24	1	-	39	24
Totals .....	" 269	258	27	38	296	296
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 13,227	38,290	783	2,014	14,010	40,304
Specialty .....	" 3,074	10,516	446	2,024	3,520	12,540
Totals .....	" 16,301	48,806	1,229	4,038	17,530	52,844
Non-revenue hours flown .....	" 630	3,554	5	392	635	3,946
Fuel and oil consumed:						
Gasoline .....	gal. 376,802	1,146,863	17,280	61,997	394,082	1,208,860
Cost .....	\$ 177,634	524,358	8,230	29,257	185,864	553,615
Oil .....	gal. 7,808	18,801	330	1,057	8,138	19,858
Cost .....	\$ 14,059	35,393	647	1,990	14,706	37,383
Average number of employees:						
Pilots .....	No. 266	236	21	16	287	252
Administrative .....	" 121	120	1	1	122	121
Maintenance labour .....	" 253	249	18	11	271	260
Other personnel .....	" 30	21	-	-	30	21
Totals .....	" 670	626	40	28	710	654
Salaries and wages:						
Pilots .....	\$ 250,845	1,162,259	20,460	70,218	271,305	1,232,477
Administrative .....	\$ 83,085	488,886	650	3,300	83,735	492,186
Maintenance labour .....	\$ 163,886	898,476	10,485	35,689	174,371	934,165
Other personnel .....	\$ 9,363	46,489	-	-	9,363	46,489
Totals .....	\$ 507,179	2,596,110	31,595	109,207	538,774	2,705,317

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
June 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,884,137	5,616,015
Total transportation .....	1,884,137	5,616,015
Other flying services .....	493,292	1,729,565
Total flying services .....	2,377,429	7,345,580
Non-flying services .....	39,082	234,358
Total operating revenues .....	2,416,511	7,579,938
Operating expenses:		
Flying operations .....	593,188	3,161,654
Maintenance .....	580,640	2,729,465
General service and administration .....	309,028	1,121,855
Depreciation and amortization .....	166,413	820,750
Total operating expenses .....	1,649,269	7,833,724
Operating income (deficit) .....	767,242	Dr. 253,786
Non-operating income:		
Capital gains and losses .....	16,912	37,500
Interest and discounts .....	Dr. 79	816
Miscellaneous non-operating income .....	Dr. 2,146	33,412
Income before interest expense .....	781,929	Dr. 182,058
Interest expense .....	48,456	228,405
Income before income taxes .....	733,473	Dr. 410,463
Provision for income taxes .....	Cr. 5,975	Cr. 4,475
Net income after income taxes .....	739,448	Dr. 405,988

TABLE 11. Operating Statistics, Canadian Group V Carriers  
June 1968

	Quarter	Year to date
Reporting carriers .....	No. 260	...
Transportation:		
Hours flown .....	" 24,387	37,157
Passengers carried .....	" 55,444	81,267
Goods carried .....	lb. 4,218,166	5,906,989
Specialty flying services:		
Flying training .....	hr. 63,476	109,191
Recreational flying .....	" 9,678	15,850
Aerial photography and survey(1) .....	" 632	818
Aerial photography .....	" 49	128
Aerial inspection, reconnaissance and advertising(2) .....	" 3,832	5,718
Aerial application and distribution(3) .....	" 4,885	5,019
Aerial control .....	" 363	363
Aerial construction .....	" 32	32
Air ambulance and mercy services .....	" 6	21
Aircraft rental .....	" 8,340	14,586
Non-transportation charter .....	" 192	387
Totals .....	" 91,485	152,113
Total - All services:		
Revenue hours flown .....	No. 115,872	189,270
Non-revenue hours flown .....	" 4,555	7,258

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

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- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Traight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

51-001

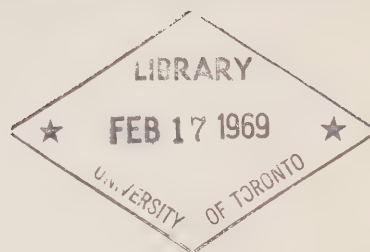
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# CIVIL AVIATION

JULY 1968



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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

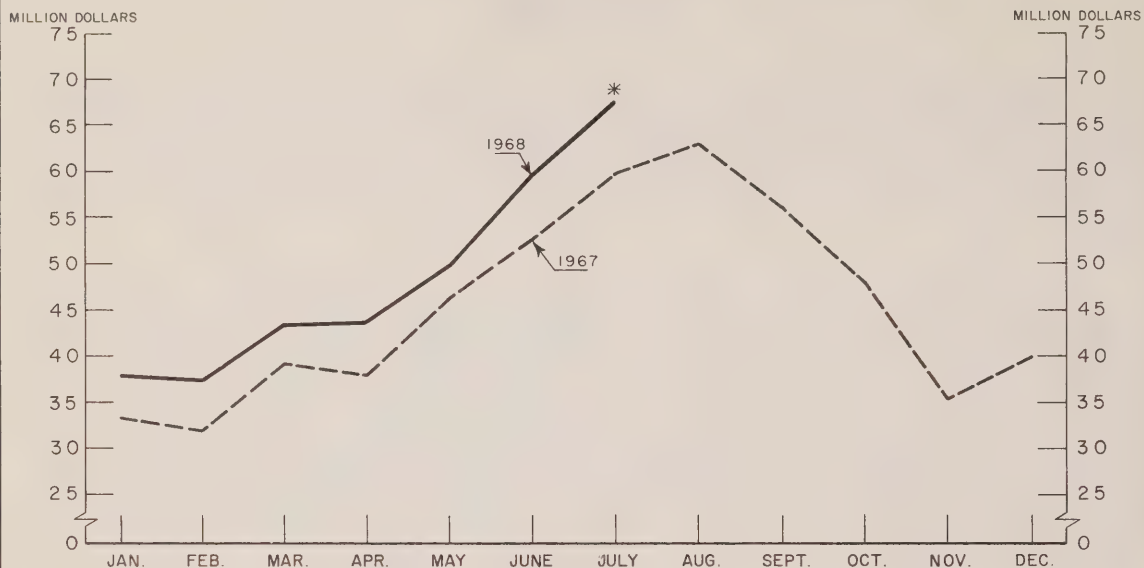
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

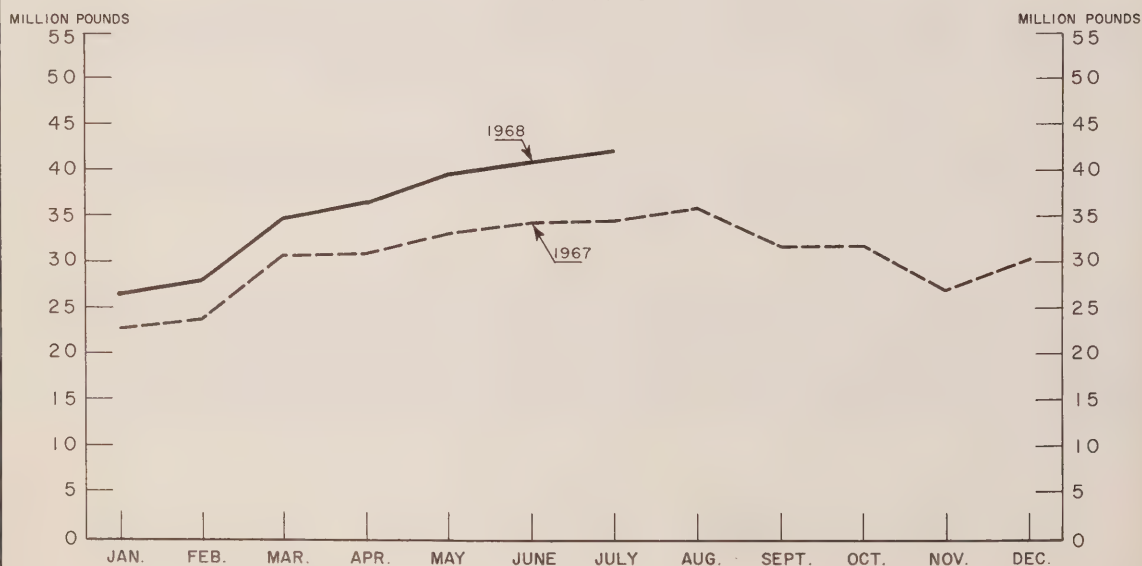
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



\*ALL TIME HIGH FOR A SINGLE MONTH

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF JULY OPERATIONS

(July 1967 figures in brackets)

Operations of Canadian carriers for July showed generally increased activity when compared with July 1967. In transportation services the number of revenue passengers carried increased by 3.2 per cent to 949,240 (919,606) while the weight of goods carried was 22.2 per cent higher at 21,014 (17,194) tons. Revenue passenger-miles were up 13.4 per cent to 950,218,170 (838,240,404) while goods ton-miles rose by 35.7 per cent to 18,729,641 (13,800,116). For all services, revenue miles flown showed an increase of 12.4 per cent to 19,120,772 (17,016,364)

Operating revenues totalled \$67,285,104 (\$59,883,452) up 12.4 per cent while expenses increased by 15.2 per cent to \$53,753,594 (\$46,646,083). The resultant operating income increased by 2.2 per cent to \$13,531,510 (\$13,237,369) but net income after taxes decreased by 5.0 per cent to \$11,464,953 (\$12,065,614).

The 19 (15) carriers operating helicopters exclusively flew 18,988 (19,520) revenue hours using 250 (225) helicopters. They reported operating revenues of \$2,840,211 (\$2,478,874) and expenses of \$1,896,486 (\$1,562,540). Ten (10) carriers operating both helicopters and fixed-wing aircraft reported 2,079 (3,041) revenue hours flown with 55 (43) helicopters.

In July, the six scheduled carriers transported 815,362 (810,062) revenue passengers, or 85.9 (88.1) per cent of the total for Canadian carriers, as well as 12,169 (9,970) tons of revenue goods or 57.9 (58.0) per cent of the total weight of revenue goods carried. Operating revenues of \$54,946,778 (\$49,808,386) and expenses amounting to \$45,319,460 (\$40,424,646) were reported, accounting for 81.7 (83.2) per cent and 84.3 (86.7) per cent respectively of the totals for all Canadian carriers.

On international scheduled services for the month under review, Canadian air carriers transported 245,524 (244,817) revenue passengers or 29.9 (30.2) per cent of the total for all unit toll services of Canadian carriers. Passenger-miles on international scheduled services amounted to 409,821,986 (341,070,322) amounting to 49.5 (44.5) per cent of unit toll passenger-miles. By area of service, the proportional breakdown of international passenger-miles is shown below:

<u>Area</u>	<u>Percentage</u>
Transborder .....	16.6
Trans-Atlantic and Polar .....	63.2
Southern .....	12.3
Pacific and Orient .....	7.9
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 256,366 (310,386) revenue passengers and 3,287 (3,077) tons of revenue goods into and out of Canada during the month.

### Cumulative Data, Year-to-Date

In the first seven months of 1968, Canadian carriers transported 5,250,723 (4,978,314) passengers or 5.5 per cent more than in the same period of 1967. The weight of revenue goods carried was up 18.1 per cent to 123,835 (104,817) tons. Revenue miles flown increased to 102,175,844 (90,329,810) or by 13.1 per cent. Operating revenues were 12.7 per cent higher at \$338,875,066 (\$300,609,412) while expenses were up 13.2 per cent to \$328,693,892 (\$290,264,605). The operating income was \$10,181,174 (\$10,344,807) and the net income after taxes \$81,863 (\$3,059,343).

Foreign carriers operating scheduled services in Canada reported an increase of 2.3 per cent in revenue passengers carried with a total for seven months of 1,391,329 (1,359,869). Weight of revenue goods carried was up 19.9 per cent to 22,637 (18,871) tons over this period.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

July 1968

	Canadian carriers				Total Canadian carriers	Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II (1)	Non-scheduled carriers		United States carriers		Other Foreign carriers (3)			
		Group III (1)	Group IV				Total		
Number of carriers reporting ...	6	29	79	108	114	11	11	136	...
Revenue transportation services:									
Unit toll:									
Departures .....	27,302	7,754	4,775	12,529	39,831	..	..	..	..
Hours flown .....	40,045	4,300	2,402	6,702	46,747	627	2,023	49,397	308,801
Miles scheduled .....	11,901,297	...	...	...	11,901,297	207,256	828,838	12,937,391	78,868,180
Miles flown:(4)									
Scheduled .....	12,135,411	...	...	...	12,135,411	206,567	850,302	13,192,280	79,693,171
Non-scheduled .....	218,692	593,000	309,663	902,663	1,121,355	-	-	1,121,355	6,017,556
Totals .....	12,354,103	593,000	309,663	902,663	13,256,766	206,567	850,302	14,313,635	85,710,727
Passengers carried .....	793,769	15,703	9,409	25,112	818,881	185,312	67,541	1,071,734	6,146,531
Goods carried:									
Cargo .....	19,309,937	912,691	648,370	1,561,061	20,870,998	2,609,004	3,632,046	27,362,411	168,139,223
Excess baggage(5) .....	171,258	68,200	10,905	79,105	250,363	-	-	2,976,127	36,449,888
Mail .....	2,415,206	152,193	93,696	245,889	2,661,095	187,111	127,921	3,759,967	204,589,111
Totals .....	21,896,401	1,133,084	752,971	1,886,055	23,782,456	2,796,115	3,759,967	30,338,538	4,542,728,202
Passenger-miles .....	822,512,533	3,495,057	1,325,474	4,820,531	827,333,064	8,336,419	57,726,202	893,395,685	140,220,029
Goods ton-miles:									
Cargo .....	14,142,688	344,615	47,585	392,200	14,534,888	63,974	1,320,373	16,023,617	17,845,365
Excess baggage(5) .....	87,692	13,056	3,634	16,690	104,382	-	-	1,459,000	122,065,394
Mail .....	1,354,538	35,851	10,505	46,356	1,400,894	4,270	53,836	17,482,617	
Totals .....	15,584,918	393,522	61,724	455,246	16,040,164	68,244	1,374,209		
Bulk:									
Departures .....	2,007	21,043	31,050	52,093	54,100	..	..	..	..
Hours flown .....	3,423	25,324	30,695	56,019	59,442	2	61	59,505	221,456
Miles flown .....	768,634	2,200,269	2,895,103	5,095,372	5,864,006	400	19,726	5,884,132	22,670,726
Passengers carried .....	21,593	55,850	52,916	108,766	130,359	254	3,259	133,872	495,521
Freight carried .....	2,442,048	8,393,631	7,409,024	15,802,655	18,244,703	17,300	-	18,262,003	88,351,568
Passenger-miles (6) .....	47,604,784	74,522,676	757,646	75,280,322	122,885,106	..	..	..	..
Goods ton-miles (6) .....	1,872,849	702,099	114,529	816,628	2,689,477	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	513	14,129	16,240	30,369	30,882	-	-	30,882	147,203

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

July 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	29,309	28,797	35,825	64,622	93,931				139,784	677,460
Hours flown .....	43,981	43,753	49,337	93,090	137,071		629	2,084	20,197,767	108,381,453
Miles flown .....	13,122,737	2,793,269	3,204,766	5,998,035	19,120,772		206,967	870,028	1,205,606	6,642,052
Passengers carried .....	815,362	71,553	62,325	133,878	949,240		185,566	70,800	45,624,414	256,298,272
Cargo carried .....	21,751,985	9,306,322	8,057,394	17,363,716	39,366,064(8)		2,626,304	3,632,046	48,600,541	292,940,679
Goods carried .....	24,338,449	9,526,715	8,161,995	17,688,710	42,027,159		2,813,415	3,759,967		
Passenger-miles(6) .....	870,117,317	78,017,733	2,083,120	80,100,853	950,218,170					
Goods ton-miles(6) .....	17,456,767	1,095,621	176,253	1,271,874	18,729,641					
Non-revenue:										
Hours flown .....	748	1,376	1,344	2,720	3,468		4	-	3,472	26,710
Passengers carried .....	4,710	248	58	306	5,016		4,212	1,082	10,310	59,811
Goods carried .....	257,814	49,236	39,452	88,688	341,502		43,156	86,495	471,153	3,060,454
Passenger-miles .....	37,540,736	284,076	13,646	297,722	37,838,458		199,392	849,929	38,887,779	225,248,787
Goods ton-miles .....	896,106	33,253	4,242	37,495	933,601		1,012	28,411	963,024	6,590,062
Fuel and oil consumed:										
Turbo fuel - Quantity .....	33,957,584	1,816,815	125,774	1,942,589	35,900,173		1,315,694	6,586,133	43,802,000	247,150,214
Cost .....	4,866,088	366,191	40,496	406,687	5,272,775		244,180	1,092,475	6,609,430	35,848,978
Gasoline - Quantity .....	1,569,312	1,294,039	792,226	2,086,265	3,655,577		-	-	3,655,577	16,765,085
Cost .....	491,217	561,046	349,529	910,575	1,401,792		-	-	1,401,792	6,780,131
Turbo oil - Quantity .....	10,911	97	3,403	3,500	14,411		209	155	14,775	55,769
Cost .....	83,394	962	391	1,353	84,747		1,340	1,407	87,494	415,041
Other oil - Quantity .....	13,559	18,563	14,179	32,742	46,301		-	-	46,301	230,108
Cost .....	17,246	30,195	25,779	55,974	73,220		-	-	73,220	337,208
Average number of employees:										
Pilots and co-pilots .....	1,842	632	630	1,262	3,104					
Other flight personnel .....	2,362	152	26	178	2,540					
General management .....	429	186	142	328	757					
Maintenance labour .....	4,915	592	474	1,066	5,981					
Aircraft & traffic servicing .....	8,111	225	103	328	8,439					
Other personnel .....	5,966	340	184	524	6,490					
Totals .....	23,625	2,127	1,559	3,686	27,311		662	920	28,893	27,821
Salaries and wages paid:										
Pilots and co-pilots .....	2,729,370	605,259	493,670	1,098,929	3,828,299					
Other flight personnel .....	1,301,491	75,345	10,808	86,153	1,387,644					
General management .....	491,277	158,642	88,876	247,518	738,795					
Maintenance labour .....	3,353,480	355,756	248,771	604,527	3,958,007					
Aircraft & traffic servicing .....	4,700,564	121,199	43,972	138,171	4,838,735					
Other personnel .....	3,862,214	131,457	62,549	194,006	4,056,220					
Totals .....	16,438,396	1,418,658	950,646	2,369,304	18,807,700		401,584	509,126	19,718,410	147,002,218

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

July 1968

	Scheduled carriers			Non-scheduled carriers					Grand total	Year to date	
	Group I	Group II(1)		Total	dollars						
		Group III(1)	Group IV		Total						
Operating revenues:											
Unit toll transportation:											
Passengers .....	44,541,243	2,180,749		46,721,992	502,363	178,426	680,789	47,402,781	247,377,344		
Express .....	875,399	64,364		939,763	11,235	3,556	14,791	954,554	4,621,961		
Freight .....	2,837,091	294,767		3,131,858	217,945	52,856	270,801	3,402,659	20,944,118		
Excess baggage .....	204,427	37,772		242,199	16,893	1,650	18,543	260,742	1,511,853		
Mail .....	1,131,860	80,000		1,211,860	54,970	21,889	76,859	1,288,719	13,360,860		
Total unit toll transportation ..	49,590,020	2,657,652		52,247,672	803,406	258,377	1,061,783	53,309,455	287,816,136		
Bulk transportation .....	553,558	1,695,815		2,249,373	5,950,599	2,957,609	8,908,208	11,157,581	37,484,419		
Total transportation .....	50,143,578	4,353,467		54,497,045	6,754,005	3,215,986	9,969,991	64,467,036	325,300,555		
Other flying services .....	3,878	149,748		153,626	1,238,996	663,817	1,902,813	2,056,439	8,306,489		
Total flying services .....	50,147,456	4,503,215		54,650,671	7,993,001	3,879,803	11,872,804	66,523,475	333,607,044		
Non-flying services .....	263,231	32,876		296,107	200,640	264,882	465,522	761,629	5,268,022		
Total operating revenues .....	50,410,687	4,536,091		54,946,778	8,193,641	4,144,685	12,338,326	67,285,104	338,875,066		
Operating expenses:											
Flying operations .....	10,840,036	1,458,091		12,298,127	2,852,178	1,356,596	4,208,774	16,506,901	91,564,817		
Maintenance .....	7,315,566	1,017,401		8,332,967	1,454,810	645,931	2,100,741	10,433,708	67,371,332		
General services and administration:											
Passenger service .....	4,412,790	211,096		4,623,886	..	..	..	..	..		
Aircraft and traffic servicing .....	5,878,259	379,222		6,257,481	..	..	..	..	..		
Promotion and sales .....	7,402,488	329,118		7,731,606	..	..	..	..	..		
General administration .....	1,735,697	245,351		1,981,048	..	..	..	..	..		
Totals .....	19,429,234	1,164,787		20,594,021	1,090,384	394,114	1,484,498	22,078,519	138,811,401		
Depreciation and amortization .....	3,882,843	211,502		4,094,345	362,411	277,710	640,121	4,734,466	30,946,342		
Total operating expenses .....	41,467,679	3,851,781		45,319,460	5,759,783	2,674,351	8,434,134	53,753,594	328,693,892		
Operating income (loss) .....	8,943,008	684,310		9,627,318	2,433,858	1,470,334	3,904,192	13,531,510	10,181,174		
Non-operating income - Net:											
Capital gains and losses .....	-	Dr.	13,715	13,715	16,474	Dr.	15,740	2,025	628,799		
Interest and discounts .....	666,100	13,830		679,930	20,403	3,599	24,002	703,932	4,006,326		
Miscellaneous non-operating income ..	236,924	301		237,225	3,578	6,470	2,892	240,117	392,407		
Income before interest expense .....	9,846,032	684,726		10,530,758	2,467,157	1,479,669	3,946,826	14,477,584	15,208,706		
Interest expense .....	2,027,514	161,117		2,188,631	159,053	86,629	245,682	2,434,313	14,555,912		
Income before income taxes .....	7,818,518	523,609		8,342,127	2,308,104	1,393,040	3,701,144	12,043,271	652,794		
Provision for income taxes .....	455,341	-		455,341	98,224	24,753	122,977	578,318	570,931		
Net income after income taxes .....	7,363,177	523,609		7,886,786	2,209,880	1,368,287	3,578,167	11,464,953	81,863		

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

July 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	35,747,963	8,793,280	403,460	888,187	561,123	327,979	46,721,992	244,378,764
Express .....	743,449	131,950	6,950	39,047	-	18,367	939,763	4,550,815
Freight .....	2,093,101	743,990	84,144	98,512	78,827	33,284	3,131,858	19,744,015
Excess baggage .....	136,734	67,693	7,725	16,982	11,225	1,840	242,199	1,435,751
Mail .....	839,860	292,000	24,110	31,142	4,739	20,009	1,211,860	12,618,483
Total unit toll transportation ..	39,561,107	10,028,913	526,389	1,073,870	655,914	401,479	52,247,672	282,727,828
Bulk transportation .....	510,744	42,814	193,099	1,300,297	750	201,669	2,249,373	8,094,378
Total transportation .....	40,071,851	10,071,727	719,488	2,374,167	656,664	603,148	54,497,045	290,822,206
Other flying services .....	3,878	-	149,748	-	-	153,626	153,626	659,062
Total flying services .....	40,075,729	10,071,727	869,236	2,374,167	656,664	603,148	54,650,671	291,481,268
Non-flying services .....	165,571	97,660	30,350	-	3,704	1,178	2,766,134	2,766,134
Total operating revenues .....	40,241,300	10,169,387	899,586	2,374,167	660,368	601,970	54,946,778	294,247,402
Operating expenses:								
Flying operations .....	7,912,705	2,927,331	253,242	669,937	287,879	247,033	12,298,127	73,080,550
Maintenance .....	6,212,283	1,103,283	242,635	430,251	185,801	158,714	8,332,967	55,772,232
General services and administration:								
Passenger service .....	3,416,932	995,858	26,267	127,614	20,991	36,224	4,623,886	28,492,240
Aircraft and traffic servicing .....	4,781,310	1,096,949	131,378	181,113	39,492	27,239	6,257,461	42,182,452
Promotion and sales .....	5,368,480	2,034,008	18,339	139,675	87,236	83,868	7,731,606	46,253,037
General administration .....	1,342,621	393,076	41,449	106,325	55,390	42,187	1,981,048	13,521,385
Totals .....	14,909,343	4,519,891	217,433	554,727	203,109	189,518	20,594,021	130,449,114
Depreciation and amortization .....	3,736,920	145,923	66,455	119,441	7,029	18,577	4,094,345	27,221,716
Total operating expenses .....	32,771,251	8,696,428	779,765	1,774,356	683,818	613,842	45,319,460	286,523,612
Operating income (loss) .....	7,470,049	1,472,959	119,821	599,811	23,450	11,872	9,627,318	7,723,790
Non-operating income - Net:								
Capital gains and losses .....	-	-	-	Dr.	-	-	Dr.	193,159
Interest and discounts .....	598,260	67,840	45	13,785	-	-	679,930	3,824,695
Miscellaneous non-operating income ..	111,771	125,153	-	2,277	1,546	430	237,225	94,028
Income before interest expense .....	8,180,080	1,665,952	119,866	602,158	24,996	12,302	10,530,758	11,835,672
Interest expense .....	1,702,514	325,000	40,117	82,528	31,748	6,724	2,188,631	13,225,823
Income before income taxes .....	6,477,566	1,340,952	79,749	519,630	56,744	19,026	8,342,127	Dr. 1,390,151
Provision for income taxes .....	-	455,341	-	-	-	-	455,341	455,341
Net income after income taxes .....	6,477,566	885,611	79,749	519,630	56,744	19,026	7,886,786	Dr. 1,845,492

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

July 1968

	Group I carriers				Group II carriers(1)				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Ltd.	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	18,372	2,795	21,167	1,170	1,606	2,431	928	6,135	27,302
Hours flown .....	28,425	5,632	34,057	1,247	1,660	1,991	1,090	5,988	40,045
Miles scheduled .....	9,006,550	2,083,410	11,089,960	46,897	327,837	306,345	130,258	811,337	11,901,297
Miles flown:									
Scheduled .....	8,956,464	2,080,560	11,037,024	46,682	321,886	272,045	130,110	770,723	11,807,747
Extra sections .....	275,334	25,423	300,757	1,630	16,248	1,082	7,947	26,907	327,664
Non-scheduled .....	-	-	-	142,088	680	39,472	36,452	218,692	218,692
Totals .....	9,231,798	2,105,983	11,337,781	190,400	338,814	312,599	174,509	1,016,322	12,354,103
Ratio of regular miles flown to miles scheduled .....	99.4	99.9	99.5	99.5	98.2	88.8	99.9	95.0	99.2
Passengers carried .....	610,555	103,535	714,090	13,961	34,746	20,003	10,969	79,679	793,769
Goods carried:									
Freight .....	13,151,807	2,112,246	15,264,053	729,262	709,747	288,540	251,550	1,979,099	17,243,152
Express .....	1,648,394	241,744	1,890,138	19,249	118,388	-	39,010	176,647	2,066,785
Excess baggage(2) .....	-	25,393	25,393	24,592	69,751	44,565	6,957	145,865	171,258
Mail .....	1,907,535	219,779	2,127,314	102,074	110,721	22,746	52,351	287,892	2,415,206
Totals .....	16,707,736	2,599,162	19,306,898	875,177	1,008,607	355,851	349,868	2,589,503	21,896,401
Passenger-miles:									
Scheduled .....	629,900,605	169,057,831	798,958,436	983,926	9,663,992	5,353,455	3,770,649	19,772,022	818,730,458
Non-scheduled .....	-	-	-	2,968,885	2,270	578,916	232,004	3,782,075	3,782,075
Totals .....	629,900,605	169,057,831	798,958,436	3,952,811	9,666,262	5,932,371	4,002,653	23,554,097	822,512,533
Available seat-miles on scheduled services .....	955,318,473	293,098,830	1,248,417,303	1,715,314	20,035,387	9,078,182	7,326,222	38,155,105	1,286,572,408
Passenger load factor on scheduled services .....	65.9	57.7	64.0	57.4	48.2	59.0	51.5	51.8	63.6
Goods ton-miles:									
Freight - Scheduled .....	9,702,012	2,980,113	12,682,125	12,626	194,209	51,869	44,528	303,232	12,985,357
Non-scheduled .....	-	-	-	179,008	4	5,869	8,382	193,263	193,263
Totals .....	9,702,012	2,980,113	12,682,125	191,634	194,213	57,738	52,910	496,495	13,178,620
Express - Scheduled .....	808,111	108,145	916,256	431	36,056	-	8,004	44,491	960,747
Non-scheduled .....	-	-	-	2,946	-	-	375	3,321	3,321
Totals .....	808,111	108,145	916,256	3,377	36,056	-	8,379	47,812	964,068

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

July 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	..	53,884	53,884	393	15,719	8,174	1,678	25,964	79,848
Non-scheduled ..	-	-	-	6,611	-	1,174	59	7,844	7,844
Totals(2) .....	..	53,884	53,884	7,004	15,719	9,348	1,737	33,808	87,692
Mail - Scheduled .....	1,036,378	252,813	1,289,191	4,286	32,083	3,158	4,398	43,925	1,333,116
Non-scheduled ..	1,036,378	252,813	1,289,191	15,759	-	504	5,159	21,422	21,422
Totals .....	..	..	..	20,045	32,083	3,662	9,557	65,347	1,356,538
Total - Scheduled .....	11,546,501	3,394,955	14,941,456	17,736	278,067	63,201	58,608	417,612	15,359,068
Non-scheduled ..	-	-	-	204,324	278,071	7,547	13,975	225,850	225,850
Totals .....	11,546,501	3,394,955	14,941,456	222,060	278,071	70,748	72,583	643,462	15,584,918
Available ton-miles on scheduled services .....	139,917,669	41,993,874	181,911,543	208,473	2,536,636	909,785	841,598	4,496,492	186,408,035
Weight load factor on scheduled services(3) .....	53.3	48.3	52.1	55.7	49.1	65.8	51.8	53.3	52.2
Bulk:									
Departures .....	120	10	130	1,367	356	2	152	1,877	2,007
Hours flown .....	397	30	427	1,412	1,053	2	529	2,996	3,423
Miles flown .....	163,689	11,810	175,499	145,294	345,709	210	101,922	593,135	768,634
Passengers carried .....	5,087	462	5,549	3,663	10,457	26	1,898	16,044	21,593
Freight carried .....	168,854	-	168,854	180,008	1,713,599	-	379,587	2,273,194	2,442,048
Passenger-miles(4) .....	13,007,432	1,107,398	14,114,830	491,059	30,853,441	5,460	2,139,994	33,489,954	47,604,784
Goods ton-miles(4) .....	95,555	-	95,555	375	1,562,622	-	214,297	1,777,294	1,872,849
Revenue non-transportation services:									
Specialty flying - Hours flown .....	14	-	14	499	-	-	-	499	513
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	18,492	2,805	21,297	2,537	1,962	2,433	1,080	8,012	29,309
Hours flown .....	28,836	5,662	34,498	3,138	2,713	1,993	1,619	9,483	43,981
Miles flown .....	9,395,487	2,117,793	11,513,280	335,694	684,523	312,809	276,431	1,609,457	13,122,737
Passengers carried .....	815,642	103,997	719,639	17,624	45,203	20,029	12,867	95,723	815,362
Cargo carried .....	14,969,055	2,353,990	17,323,045	928,519	2,541,734	288,540	670,147	4,428,940	21,751,985
Goods carried .....	16,876,590	2,599,162	19,475,752	1,055,185	2,722,206	355,851	729,455	4,862,697	24,338,449
Passenger-miles(4) .....	642,908,037	170,165,229	813,073,266	4,443,870	40,519,703	5,937,831	6,142,647	57,044,051	870,117,317
Goods ton-miles(4) .....	11,642,056	3,394,955	15,037,011	222,435	1,840,693	70,748	286,880	2,420,756	17,457,767

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

July 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown .....	231	140	371	179	103	32	63	377	748
Passengers carried .....	-	3,493	3,493	320	526	203	188	1,217	4,710
Goods carried .....	-	155,384	155,384	13,268	67,225	-	16,937	97,430	252,814
Passenger-miles .....	29,957,313	7,119,048	37,076,361	114,933	219,098	61,799	68,545	464,375	37,540,736
Goods ton-miles .....	641,689	216,601	858,290	3,234	13,200	-	21,382	37,816	896,106
Fuel and oil consumed:									
Turbo fuel - Quantity .....	26,005,094	6,491,221	32,496,315	97,637	987,088	298,843	77,701	1,461,269	33,957,584
Cost .....	3,557,446	994,344	4,551,790	21,480	210,807	62,757	19,254	314,298	4,866,088
Gasoline - Quantity .....	-	664,117	664,117	298,952	335,228	21,634	249,381	905,195	1,589,312
Cost .....	-	196,531	196,531	68,167	126,174	7,139	93,206	294,686	491,217
Turbo oil - Quantity .....	7,289	567	7,856	55	192	2,802	6	3,055	10,911
Cost .....	64,717	5,488	70,205	825	2,496	9,808	60	13,189	83,394
Other oil - Quantity .....	-	5,349	5,349	2,991	3,267	9,808	1,752	8,010	13,559
Cost .....	-	6,051	6,051	4,701	4,084	-	2,410	11,195	17,246
Average number of employees:									
Pilots and co-pilots .....	1,173	380	1,553	77	97	57	58	289	1,842
Other flight personnel .....	1,725	460	2,185	21	95	23	38	177	2,362
General management .....	96	120	216	22	116	54	21	213	429
Maintenance labour .....	3,499	747	4,246	223	211	120	115	669	4,915
Aircraft and traffic servicing .....	5,966	1,646	7,612	120	153	130	96	499	8,111
Other personnel .....	4,780	1,016	5,796	56	49	11	54	170	5,966
Total employees .....	17,239	4,369	21,608	519	721	395	382	2,017	23,625
Salaries and wages:									
Pilots and co-pilots .....	1,941,501	493,363	2,434,864	63,740	117,861	56,451	56,454	294,506	2,729,370
Other flight personnel .....	945,721	283,194	1,228,915	7,082	37,898	7,438	20,158	72,576	1,301,491
General management .....	214,194	131,662	345,856	24,308	62,433	35,997	22,683	145,421	491,277
Maintenance labour .....	2,500,793	479,338	2,980,131	113,382	136,362	67,231	56,374	373,349	3,353,480
Aircraft and traffic servicing .....	3,634,958	826,046	4,461,004	53,504	82,060	67,282	36,714	239,560	4,700,564
Other personnel .....	3,298,063	490,631	3,788,694	22,672	20,661	8,955	21,232	73,520	3,862,214
Total salaries and wages .....	12,535,230	2,704,234	15,239,464	284,688	457,275	243,354	213,615	1,198,932	16,438,396

- (1) Routes included in scheduled or non-scheduled services according to predominant class of service.  
 (2) Excludes Air Canada.  
 (3) Standard passenger weight used: 200 pounds.  
 (4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.  
 (5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company  
July 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	489,339	84,200	9,128	34,738	20,003	10,746	648,154
Domestic interline .....	121,216	9,155	4,697	-	-	-	145,218
Foreign interline .....	-	10,150	-	-	-	-	-
Totals(2) .....	610,555	103,505	13,825	34,738	20,003	10,746	793,372
<b>Express carried:</b>							
Originated .....	1,648,394	241,744	19,249	118,388	-	39,010	2,066,785
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,648,394	241,744	19,249	118,388	-	39,010	2,066,785
<b>Freight carried:</b>							
Originated .....	13,151,807	1,676,060	729,262	709,077	288,540	207,438	16,762,184
Domestic interline .....	-	41,802	-	-	-	-	41,802
Foreign interline .....	-	112,543	-	-	-	-	112,543
Totals(2) .....	13,151,807	1,830,405	729,262	709,077	288,540	207,438	16,916,529
<b>Excess baggage carried:</b>							
Originated .....	-	25,393	24,592	69,751	44,565	6,737	171,038(3)
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	25,393	24,592	69,751	44,565	6,737	171,038(3)
<b>Mail carried:</b>							
Originated .....	1,907,535	212,843	102,074	110,721	22,746	20,210	2,376,129
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,907,535	212,843	102,074	110,721	22,746	20,210	2,376,129

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.  
(2) Excludes division interline.  
(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
July 1968

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures .....	2,876	1,094	694	132	4,796	16,371	21,167
Hours flown .....	4,360	5,385	2,168	783	12,896	21,161	34,057
Miles scheduled .....	1,147,064	2,672,373	832,547	370,602	5,022,586	6,067,374	11,089,960
Miles flown:							
Scheduled - Regular .....	1,137,557	2,664,703	830,289	370,602	5,003,151	6,033,873	11,037,024
Extra sections .....	23,201	42,160	-	21,737	87,098	213,659	300,757
Non-scheduled .....	1,160,758	-	-	392,339	5,090,249	6,247,532	11,337,781
Totals .....		2,706,863	830,289				
Ratio of regular miles flown to miles scheduled .....	99.2	99.7	99.7	100.0	99.6	99.4	99.5
Passengers carried .....	..	..	..	..	245,524	468,566	714,090
Cargo carried .....	..	..	..	..	7,368,330	9,811,254	17,179,584
Mail carried .....	..	..	..	..	402,500	1,724,814	2,127,314
Passenger-miles .....	68,116,412	259,228,899	50,246,287	32,230,388	409,821,986	389,136,450	798,958,436
Available seat-miles on scheduled services	109,934,526	404,384,115	94,297,220	63,477,308	672,093,169	576,324,134	1,248,417,303
Passenger load factor on scheduled services	62.0	64.1	53.3	50.8	61.0	67.5	64.0
Goods ton-miles:							
Express .....	53,340	-	-	-	53,340	862,916	916,256
Freight .....	739,238	4,905,179	894,541	975,044	7,514,002	5,168,123	12,682,125
Excess baggage .....	42	14,442	21,228	17,970	53,682	202	53,884
Mail .....	31,886	217,382	124,768	122,282	496,318	792,873	1,289,191
Totals .....	824,506	5,137,003	1,040,537	1,115,296	8,117,342	6,824,114	14,941,456
Available ton-miles on scheduled service ....	15,039,624	58,913,264	11,809,423	9,831,665	95,593,976	86,317,567	181,911,543
Weight load factor on scheduled services(1)	50.8	52.7	51.4	44.1	51.4	53.0	52.1
Bulk:							
Departures .....	768	342	6	-	1,116	..	..
Hours flown .....	1,163	1,962	29	-	3,154	..	..
Miles flown .....	208,100	934,738	13,902	-	1,156,740	..	..
Passengers carried .....	3,990	27,428	412	-	31,630	..	..
Goods carried .....	513,990	600,371	70,000	-	1,184,361	..	..
Passenger-miles(2) .....	1,595,161	111,897,062	1,001,572	-	114,493,795	..	..
Goods ton-miles(2) .....	112,238	579,343	73,115	-	764,696	..	..
Total:							
Departures .....	3,644	1,436	700	132	5,912	..	..
Hours flown .....	5,523	7,547	2,197	783	16,050	..	..
Miles flown .....	1,368,858	3,641,601	844,191	392,339	6,246,989	..	..
Passengers carried .....	..	..	..	..	277,154	..	..
Goods carried .....	..	..	..	..	8,955,191	..	..
Passenger-miles(2) .....	69,711,573	371,125,961	51,247,859	32,230,388	524,315,781	..	..
Goods ton-miles(2) .....	936,744	5,716,346	1,113,652	1,115,296	8,882,038	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
July 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	169,873	167,895	337,768	74,087	57,186	131,273
Bulk ..... "	552	366	918	3,605	3,345	6,950
Totals ..... "	170,425	168,261	338,686	77,692	60,531	138,223
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,650,076	4,319,214	5,969,290	1,539,985	4,816,996	6,356,981
Bulk ..... "	98,854	17,300	116,154	-	-	-
Totals ..... "	1,748,930	4,336,514	6,085,444	1,539,985	4,816,996	6,356,981
Mail carried (unit toll) ..... "	127,018	207,887	334,905	93,748	138,387	232,135
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	11,341	12,656	23,997	255,301	237,737	493,038
Bulk ..... "	-	-	-	4,157	3,711	7,868
Totals ..... "	11,341	12,656	23,997	259,458	241,448	500,906
Freight, express and excess baggage carried:						
Unit toll ..... lb.	409,762	443,362	853,124	3,599,823	9,579,572	13,179,395
Bulk ..... "	70,000	-	70,000	168,854	17,300	186,154
Totals ..... "	479,762	443,362	923,124	3,768,677	9,596,872	13,365,549
Mail carried (unit toll) ..... "	77,942	40,327	118,269	298,708	386,601	685,309
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	121,861	118,324	240,185	133,440	119,413	252,853
Bulk ..... "	2,781	1,574	4,355	1,376	2,137	3,513
Totals ..... "	124,642	119,898	244,540	134,816	121,550	256,366
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,158,961	4,779,380	6,938,341	1,440,862	4,800,192	6,241,054
Bulk ..... "	168,854	-	168,854	-	17,300	17,300
Totals ..... "	2,327,815	4,779,380	7,107,195	1,440,862	4,817,492	6,258,354
Mail carried (unit toll) ..... "	209,026	161,251	370,277	89,682	225,350	315,032

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service  
July 1968

	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	14,378	276,348	81,927	1,635,185	215	15,136	3,890	277,976
Recreational flying .....	1,944	40,743	10,905	244,374	319	31,610	864	90,506
Aerial photography and survey(1) ...	1,144	152,581	5,746	601,915	336	46,120	2,395	568,111
Aerial photography .....	80	5,215	226	14,418	39	2,378	72	5,825
Aerial inspection, reconnaissance and advertising(2) .....	3,784	365,225	11,876	1,427,076	2,585	365,035	7,542	1,285,273
Aerial application & distribution(3) ..	482	137,287	1,905	376,719	21	2,573	67	23,152
Aerial control .....	1,060	294,754	2,068	576,449	308	39,670	986	113,784
Aerial construction .....	-	-	-	-	35	9,521	58	14,500
Air ambulance and mercy services ...	16	1,861	43	4,777	-	-	10	2,233
Aircraft rental .....	3,152	70,496	13,917	295,098	152	10,145	613	44,479
Non-transportation charter .....	549	74,515	1,757	379,250	263	33,268	336	46,521
Totals .....	26,589	1,419,025	130,370	5,555,261	4,293	555,456	16,833	2,472,360

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV  
July 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 19	...	10	...	29	...
Helicopters - Owned .....	" 216	231	52	40	268	271
Leased .....	" 34	26	3	1	37	27
Totals .....	" 250	257	55	41	305	298
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 15,893	54,183	881	2,809	16,774	56,992
Specialty .....	" 3,095	13,611	1,198	3,222	4,293	16,833
Totals .....	" 18,988	67,794	2,079	6,031	21,067	73,825
Non-revenue hours flown .....	" 448	4,002	27	419	475	4,421
Fuel and oil consumed:						
Gasoline .....	gal. 397,389	1,544,252	32,655	93,362	430,044	1,637,614
Cost .....	\$ 183,462	707,820	15,433	44,174	198,895	751,994
Oil .....	gal. 4,835	23,636	597	1,633	5,432	25,269
Cost .....	\$ 10,037	45,430	1,134	3,082	11,171	48,512
Average number of employees:						
Pilots .....	No. 268	240	26	17	294	257
Administrative .....	" 124	121	1	1	125	122
Maintenance labour .....	" 242	249	16	12	258	261
Other personnel .....	" 31	22	-	-	31	22
Totals .....	" 665	632	43	30	708	662
Salaries and wages:						
Pilots .....	\$ 277,871	1,440,130	23,894	93,112	301,765	1,533,242
Administrative .....	\$ 84,957	573,843	600	3,900	85,557	577,743
Maintenance labour .....	\$ 156,343	1,054,819	9,971	44,985	166,314	1,099,804
Other personnel .....	\$ 9,221	55,710	-	-	9,221	55,710
Totals .....	\$ 528,392	3,124,502	34,465	141,997	562,857	3,266,499

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
July 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	2,341,428	7,957,443
Total transportation .....	2,341,428	7,957,443
Other flying services .....	457,846	2,187,411
Total flying services .....	2,799,274	10,144,854
Non-flying services .....	40,937	275,295
Total operating revenues .....	2,840,211	10,420,149
Operating expenses:		
Flying operations .....	809,877	3,971,531
Maintenance .....	749,416	3,478,881
General service and administration .....	178,750	1,300,605
Depreciation and amortization .....	158,443	979,193
Total operating expenses .....	1,896,486	9,730,210
Operating income (deficit) .....	943,725	689,939
Non-operating income:		
Capital gains and losses .....	7,907	45,407
Interest and discounts .....	213	1,029
Miscellaneous non-operating income .....	Dr. 1,701	31,711
Income before interest expense .....	950,144	768,086
Interest expense .....	45,421	273,826
Income before income taxes .....	904,723	494,260
Provision for income taxes .....	64,876	60,401
Net income after income taxes .....	839,847	433,859

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes:  <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

51-001

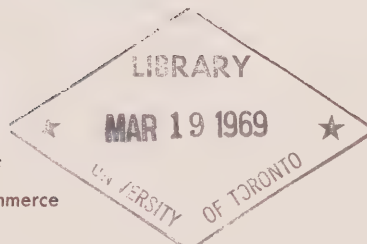
MONTHLY



# CIVIL AVIATION

AUGUST 1968

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February 1969  
Preliminary

Civil Aviation - August 1968

Groups I-IV

ERRATA

The figures shown in the above publication on page 2 should read as follows:

	August 1968 Group I and II	August 1968 Group I-IV	% change from August 1967 I-IV	Jan.-Aug. 1968 Group I-IV	% change from Jan.-Aug. 1967 I-IV
Net income					
after taxes ..\$	6,961,226	10,419,487	+ 4.5	10,501,350	- 19.5



*A. C. V.*

MONTHLY

August 1968

## ERRATA

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

.. Figures are not available.

... Figures not appropriate or not applicable.

- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

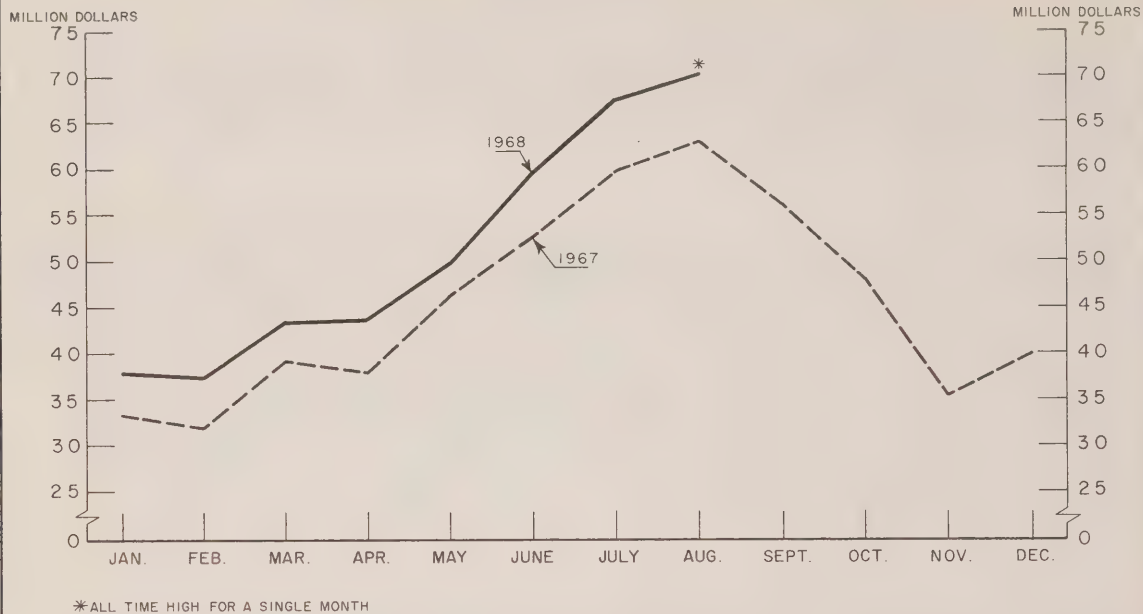
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

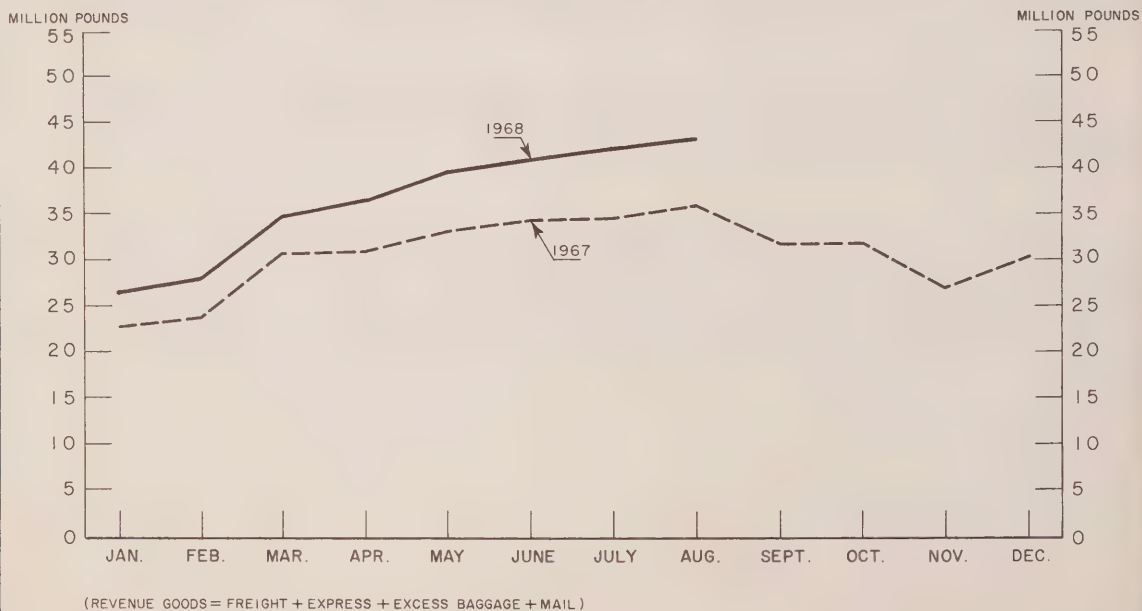
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



# REVIEW OF AUGUST OPERATIONS (GROUPS I - IV)

(August 1967 figures in brackets)

Operations of Canadian carriers for August showed almost no increase in passenger activity but a considerable growth in cargo operations when compared with August 1967 figures. In transportation services the number of passengers carried increased by only 1.1 per cent to 1,008,715 (997,264) while the weight of goods carried was 21.0 per cent higher at 21,597 (17,852) tons. Revenue passenger-miles increased by 11.1 per cent to 992,304,436 (893,499,320) indicating longer journeys while revenue goods ton-miles increased sharply by 33.3 per cent to 17,941,821 (13,459,362). For all services, revenue miles flown increased by 10.4 per cent to 19,543,486 (17,696,460).

August operating revenues rose to \$70,211,422 (\$62,790,780) an increase of 11.8 per cent while expenses grew by 10.8 per cent to \$54,168,005 (\$48,883,509). The resultant operating income was 15.4 per cent higher at \$16,043,417 (\$13,907,271) but net income after taxes was only 4.5 per cent greater at \$10,419,487 (\$9,966,609).

The 19 (15) carriers operating helicopters exclusively flew 22,539 (19,240) hours using 252 (207) helicopters. Profits increased as they reported operating revenues of \$3,029,591 (\$2,932,932) and expenses of \$1,877,016 (\$2,194,424). Fourteen (10) carriers operating both fixed-wing aircraft and helicopters reported a total of 2,212 (3,030) revenue hours with 37 (43) helicopters.

During August the six scheduled carriers transported 871,059 (882,755) revenue passengers or 86.4 (88.5) per cent of the total for Canadian carriers, as well as 11,777 (10,097) tons of revenue goods or 54.5 (56.6) per cent of the total weight of revenue goods carried. Scheduled carrier operations yielded operating revenues of \$57,834,928 (\$52,509,480) or 82.4 (83.6) per cent of total revenues. The expenses for the six companies totalled \$45,497,015 (\$41,785,827) or 84.0 (85.5) per cent of the expenses for all carriers.

On international scheduled services Canadian carriers transported 256,161 (259,875) revenue passengers or 29.2 (29.4) per cent of the total for all unit toll services of Canadian carriers. Passenger-miles on international scheduled services amounted to 420,973,815 (364,098,908) or 48.8 (44.5) per cent of unit toll passenger-miles. By area of service the proportional breakdown of international passenger-miles for the month was as follows:

<u>Area</u>	<u>Percentage of Passenger-miles</u>
Transborder .....	18.8
Trans-Atlantic and Polar .....	58.8
Southern .....	13.6
Pacific and Orient .....	8.8
Total .....	100.0

Foreign carriers licensed to operate in Canada transported 300,862 (359,029) revenue passengers, a decrease of 16.2 per cent and 3,781 (2,701) tons of revenue goods up by 39.9 per cent during the month.

## Cumulative Data, Year-to-Date

In the first eight months of 1968, Canadian carriers transported 6,259,438 (5,977,565) passengers or 4.7 per cent more than in the same period of 1967. The weight of revenue goods carried increased by 18.4 per cent to 145,432 (122,803) tons. Revenue miles flown increased to 121,719,330 (108,269,743) up 12.4 per cent. Operating revenues totalled \$409,086,488 (\$363,371,747), up 12.6 per cent while expenses rose by 11.3 per cent to \$382,861,897 (\$339,095,529). Operating income was \$26,224,591 (\$24,276,218) and the net income after taxes ~~rose sharply~~ to \$10,501,350 (\$81,863).

Foreign carriers operating scheduled services in Canada reported a decrease of 1.6 per cent to 1,692,191 (1,718,898) in the number of passengers carried. Weight of revenue goods carried was up 22.5 per cent to 26,417 (21,572) tons over this period.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

August 1968

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	29	80	109	115	11	11	137	...
Revenue transportation services:									
Unit toll:									
Departures .....	27,489	6,276	6,313	12,589	40,078	..	..	..	..
Hours flown .....	40,842	3,876	2,848	6,724	47,566	608	2,482	50,656	359,457
Miles scheduled .....	12,111,791	-	-	-	12,111,791	214,934	941,120	13,267,845	92,136,025
Miles flown:(4)									
Scheduled .....	12,326,694	-	-	-	12,326,694	208,192	944,960	13,479,846	93,173,017
Non-scheduled .....	217,943	541,714	384,825	926,539	1,144,482	-	-	1,144,482	7,162,038
Totals .....	12,544,637	541,714	384,825	926,539	13,471,176	208,192	944,960	14,624,328	100,335,055
Passengers carried .....	847,253	16,126	13,870	29,996	877,249	216,748	77,512	1,171,509	7,318,040
Goods carried:									
Cargo .....	18,403,548	939,076	604,929	1,544,005	19,947,553	2,821,206	4,133,283	27,198,780	195,338,003
Excess baggage(5) .....	198,785	68,855	29,098	97,953	296,738	258,482	210,071	4,396,010	40,845,898
Mail .....	3,689,385	144,915	93,157	238,072	3,927,457	3,079,688	4,343,354	31,594,790	236,183,901
Totals .....	22,291,718	1,152,846	727,184	1,880,030	24,171,748	9,446,660	65,911,893	942,879,766	5,485,607,968
Passenger-miles .....	861,785,016	3,996,718	1,739,479	5,736,197	867,521,213				
Goods ton-miles:									
Cargo .....	14,081,044	295,759	44,662	340,421	14,421,465	72,964	1,291,562	15,907,346	120,127,375
Excess baggage(5) .....	100,744	18,013	2,598	20,611	121,355	6,023	73,903	2,111,541	19,956,906
Mail .....	1,980,307	40,056	11,252	51,308	2,031,615	78,987	1,365,465	18,018,887	140,084,281
Totals .....	16,162,095	353,828	58,512	412,340	16,574,435				
Bulk:									
Departures .....	1,971	20,587	30,220	50,807	52,778	..	..	..	..
Hours flown .....	3,474	29,874	30,364	60,238	63,712	15	126	63,853	285,309
Miles flown .....	776,485	2,328,087	2,967,738	5,295,825	6,072,310	5,665	46,100	6,124,075	28,794,801
Passengers carried .....	23,806	53,259	54,401	107,660	131,466	1,609	4,993	138,068	633,589
Freight carried .....	1,261,990	8,989,763	8,771,052	17,760,815	19,022,805	29,800	107,800	19,160,405	107,511,973
Passenger-miles(6) .....	52,960,706	70,581,755	1,240,762	71,822,517	124,783,223	..	..	..	..
Goods ton-miles(6) .....	576,662	687,083	103,641	790,724	1,367,386	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	378	11,509	15,760	27,269	27,647	-	-	27,647	174,850

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

August 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total					
Total - All services:									
Revenue:									
Traffic, miles and hours:(7)									
Departures .....	29,460	26,863	36,533	63,396	92,856	..	..	142,156	819,616
Hours flown .....	44,694	45,259	48,972	94,231	138,925	623	2,608	20,748,403	129,129,856
Miles flown .....	13,321,122	2,869,801	3,352,563	6,222,364	19,543,486	213,857	991,060	1,309,577	7,951,629
Passengers carried .....	871,059	69,385	68,271	137,656	1,008,715	2,851,006	4,241,083	46,359,185	302,849,976
Cargo carried .....	19,665,538	9,928,839	9,375,981	19,304,820	39,267,096(8)	2,851,006	4,241,083	46,359,185	302,849,976
Goods carried .....	23,553,708	10,142,609	9,498,236	19,640,845	43,194,553	3,109,488	4,451,154	50,755,195	343,695,874
Passenger-miles(6) .....	914,745,722	74,578,473	2,980,241	77,558,714	992,304,436	..	..	..	..
Goods ton-miles(6) .....	16,738,757	1,040,911	162,153	1,203,064	17,941,821	..	..	..	..
Non-revenue:									
Hours flown .....	692	1,411	1,315	2,726	3,418	2	5	3,425	30,135
Passengers carried .....	4,805	243	80	323	5,128	4,923	1,304	11,355	71,166
Goods carried .....	211,265	68,145	117,474	185,619	396,884	46,940	63,484	507,308	3,567,762
Passenger-miles .....	38,628,955	286,749	17,228	303,977	38,932,932	219,771	999,564	40,152,267	265,401,054
Goods ton-miles .....	718,175	54,270	1,151	55,421	773,596	1,067	22,207	796,870	7,386,932
Fuel and oil consumed:									
Turbo fuel - Quantity .....	34,608,323	1,725,792	102,895	1,828,687	36,437,010	1,786,071	7,390,998	45,614,079	292,876,685
Cost .....	4,990,151	356,528	30,570	387,098	5,377,249	160,470	1,237,685	6,775,404	42,643,003
Gasoline - Quantity .....	1,438,846	1,274,644	811,609	2,086,253	3,525,099	-	-	3,525,099	20,290,184
Cost .....	495,181	563,570	362,250	925,820	1,421,001	-	-	1,421,001	8,201,132
Turbo oil - Quantity .....	7,422	76	26	102	7,524	270	194	7,988	63,757
Cost .....	58,423	646	330	976	59,399	1,658	1,700	62,757	477,798
Other oil - Quantity .....	14,817	17,975	14,541	32,516	47,333	-	-	47,333	277,441
Cost .....	18,371	28,536	25,391	53,927	72,298	-	-	72,298	409,506
Average number of employees:									
Pilots and co-pilots .....	1,831	619	653	1,272	3,103	..	..	..	..
Other flight personnel .....	2,308	150	26	176	2,484	..	..	..	..
General management .....	4,226	176	327	753	5,997	..	..	..	..
Maintenance labour .....	4,924	585	488	1,073	5,997	..	..	..	..
Aircraft & traffic servicing .....	8,034	207	117	324	8,358	..	..	..	..
Other personnel .....	5,974	326	186	512	6,486	..	..	..	..
Totals .....	23,497	2,063	1,621	3,684	27,181	656	818	28,655	27,926
Salaries and wages paid:									
Pilots and co-pilots .....	2,371,516	601,594	514,568	1,116,162	3,487,678	..	..	..	..
Other flight personnel .....	1,308,682	78,144	10,941	89,085	1,397,767	..	..	..	..
General management .....	499,424	151,236	97,993	249,229	748,653	..	..	..	..
Maintenance labour .....	3,243,840	363,326	259,056	622,382	3,866,222	..	..	..	..
Aircraft & traffic servicing .....	4,775,978	87,519	43,323	130,842	4,906,820	..	..	..	..
Other personnel .....	3,861,937	136,480	71,619	208,099	4,070,036	..	..	..	..
Totals .....	16,061,377	1,418,299	997,500	2,415,799	18,477,176	423,386	508,566	19,409,128	166,411,346
Group II - non-scheduled carriers									

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

August 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	46,490,306	2,329,687	48,819,993	557,531	270,475	828,006	49,647,999	297,025,343
Express .....	1,123,470	69,397	1,193,067	10,784	4,238	15,022	1,208,089	5,830,050
Freight .....	2,818,344	305,627	3,123,971	211,907	48,997	260,904	3,384,875	24,328,993
Excess baggage .....	190,560	43,609	234,169	21,229	4,422	25,651	259,820	1,771,673
Mail .....	1,431,750	105,329	1,537,079	55,338	22,116	77,454	1,614,533	14,975,393
Total unit toll transportation ..	52,054,430	2,853,849	54,908,279	856,789	350,248	1,207,037	56,115,316	343,931,452
Bulk transportation .....	659,292	1,641,332	2,300,624	5,920,523	3,032,380	8,952,903	11,253,527	48,737,946
Total transportation .....	52,713,722	4,495,181	57,208,903	6,777,312	3,382,628	10,159,940	67,368,843	392,669,398
Other flying services .....	6,080	148,983	155,063	974,046	805,178	1,779,224	1,934,287	10,240,776
Total flying services .....	52,719,802	4,644,164	57,363,966	7,751,358	4,187,806	11,939,164	69,303,130	402,910,174
Non-flying services .....	436,767	34,205	470,962	192,350	244,980	437,330	908,292	6,176,314
Total operating revenues .....	53,156,559	4,678,369	57,834,928	7,943,708	4,432,786	12,376,494	70,211,422	409,086,488
Operating expenses:								
Flying operations .....	10,756,507	1,392,553	12,149,060	2,815,504	1,369,627	4,185,131	16,334,191	107,899,008
Maintenance .....	7,051,772	914,673	7,966,445	1,522,115	780,252	2,302,367	10,268,812	77,640,144
General services and administration:								
Passenger service .....	4,686,975	242,312	4,929,287	..	..	..	..	..
Aircraft and traffic servicing .....	6,144,149	408,063	6,552,212	..	..	..	..	..
Promotion and sales .....	7,418,817	294,530	7,713,347	..	..	..	..	..
General administration .....	1,774,087	234,638	2,008,725	..	..	..	..	..
Totals .....	20,024,028	1,179,543	21,203,571	1,096,158	456,696	1,552,854	22,756,425	161,567,826
Depreciation and amortization .....	3,958,323	219,616	4,177,939	373,390	257,248	630,638	4,808,577	35,754,919
Total operating expenses .....	41,790,630	3,706,385	45,497,015	5,807,167	2,863,823	8,670,990	54,168,005	382,861,897
Operating income (loss) .....	11,365,929	971,984	12,337,913	2,136,541	1,568,963	3,705,504	16,043,417	26,224,591
Non-operating income - Net:								
Capital gains and losses .....	-	7,462	7,462	110,402	28,829	139,231	146,693	775,492
Interest and discounts .....	615,556	15,887	631,443	28,891	3,718	32,609	664,052	4,670,378
Miscellaneous non-operating income ..	20,499	Dr.	18,606	9,055	10,777	19,832	38,438	430,845
Income before interest expense .....	12,001,984	993,440	12,995,424	2,284,889	1,612,287	3,897,176	16,892,600	32,101,306
Interest expense .....	2,001,778	151,761	2,153,539	170,345	58,014	228,359	2,381,898	16,937,810
Income before income taxes .....	10,000,206	841,679	10,841,885	2,114,544	1,554,273	3,668,817	14,510,702	15,163,496
Provision for income taxes .....	3,880,659	-	3,880,659	174,321	36,235	210,556	4,091,215	4,662,146
Net income after income taxes .....	6,119,547	841,679	6,961,226	1,940,223	1,518,038	3,458,261	10,419,487	10,501,350

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

August 1968

. 11 .

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	36,761,107	9,729,199	466,002	931,789	577,168	354,728	48,819,993	293,198,757
Express .....	991,973	131,497	9,395	42,923	17,279	17,279	1,193,067	5,743,882
Freight .....	2,124,592	693,752	95,129	89,304	83,987	37,207	3,123,971	22,867,986
Excess baggage .....	1,127,290	63,270	6,304	20,205	13,934	3,166	1,669,920	1,669,920
Mail .....	1,012,161	419,589	28,194	48,759	6,710	21,666	1,537,079	14,155,562
Total unit toll transportation ..	41,017,123	11,037,307	605,024	1,132,980	681,799	434,046	54,908,279	337,636,107
Bulk transportation .....	649,253	10,039	212,742	1,175,407	1,822	251,361	2,300,624	10,395,002
Total transportation .....	41,666,376	11,047,346	817,766	2,308,387	683,621	685,407	57,208,903	348,031,109
Other flying services .....	6,080	148,983	148,983	-	-	-	135,063	814,125
Total flying services .....	41,672,456	11,047,346	966,749	2,308,387	683,621	685,407	57,363,966	348,845,234
Non-flying services .....	302,428	134,329	30,242	990	Dr.	4,953	470,962	3,237,096
Total operating revenues .....	41,974,884	11,181,675	996,991	2,308,387	682,631	690,360	57,834,928	352,082,330
Operating expenses:								
Flying operations .....	7,836,199	2,920,308	269,055	639,805	238,347	245,346	12,149,060	85,229,610
Maintenance .....	5,987,903	1,063,869	216,180	353,261	163,126	182,106	7,966,445	63,738,677
General services and administration:								
Passenger service .....	3,579,235	1,107,740	36,521	146,682	19,362	39,747	4,929,287	33,421,527
Aircraft and traffic servicing .....	5,047,719	1,096,430	131,969	198,190	37,471	40,433	6,552,212	48,734,664
Promotion and sales .....	5,328,380	2,090,437	30,085	112,497	81,789	70,159	7,713,547	53,966,384
General administration .....	1,353,778	420,309	37,720	108,874	48,438	39,606	2,008,725	15,350,110
Totals .....	15,309,112	4,714,916	236,295	566,243	187,060	189,945	21,203,571	151,652,685
Depreciation and amortization .....	3,812,722	145,601	66,680	126,154	8,041	18,741	4,177,939	31,399,655
Total operating expenses .....	32,945,936	8,844,694	788,210	1,685,463	596,574	636,138	45,497,015	332,020,627
Operating income (loss) .....	9,028,948	2,336,981	208,781	622,924	86,057	54,222	12,337,913	20,061,703
Non-operating income - Net:								
Capital gains and losses .....	-	-	380	7,842	-	-	7,462	200,621
Interest and discounts .....	548,573	66,983	49	15,838	-	-	631,443	4,456,138
Miscellaneous non-operating income ..	34,884	14,385	-	464	2,506	1,077	18,606	112,634
Income before interest expense .....	9,612,405	2,389,579	208,450	646,140	83,551	55,299	12,995,424	24,831,096
Interest expense .....	1,701,778	300,000	43,553	79,805	23,286	5,117	2,153,539	15,379,362
Income before income taxes .....	7,910,627	2,089,579	164,897	566,335	60,265	50,182	10,841,885	9,451,734
Provision for income taxes .....	3,280,000	600,659	-	-	-	-	3,880,659	4,336,000
Net income after income taxes .....	4,630,627	1,488,920	164,897	566,335	60,265	50,182	6,961,226	5,115,734

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

August 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	18,513	2,805	21,318	1,125	1,609	2,492	945	6,171	27,489
Hours flown .....	29,178	5,741	34,919	1,213	1,677	1,908	1,125	5,923	40,842
Miles scheduled .....	9,201,185	2,109,036	11,310,221	46,820	323,811	302,235	128,704	801,570	12,111,791
Miles flown:									
Scheduled - Regular .....	9,096,462	2,103,646	11,200,108	45,105	322,591	260,636	128,468	756,800	11,956,908
Extra sections .....	306,434	34,126	340,560	1,946	14,207	3,048	10,025	29,226	369,786
Non-scheduled .....	-	-	-	142,302	336,798	36,903	38,738	217,943	217,943
Totals .....	9,402,896	2,137,772	11,540,668	189,353	660,614	300,587	177,231	1,003,969	12,544,637
Ratio of regular miles flown to miles scheduled .....	98.9	99.7	99.0	96.3	99.6	86.2	99.8	94.4	98.7
Passengers carried .....	648,973	113,206	762,179	15,468	37,228	20,750	11,628	85,074	847,253
Goods carried:									
Freight .....	11,926,830	2,105,825	14,032,655	802,031	674,304	299,433	260,260	2,036,028	16,068,683
Express .....	1,944,685	247,922	2,192,607	18,359	88,880	-	35,019	142,258	2,334,865
Excess baggage(2) .....	-	29,900	29,900	21,575	80,554	53,093	13,663	168,885	198,785
Mail .....	2,986,534	314,113	3,300,647	143,856	160,269	33,699	50,914	388,738	3,689,385
Totals .....	16,838,049	2,697,760	19,535,809	985,821	1,004,007	386,225	359,856	2,735,909	22,291,718
Passenger-miles:									
Scheduled .....	652,973,829	183,514,830	836,488,659	1,089,669	10,335,148	5,627,598	3,970,634	21,023,049	857,511,708
Non-scheduled .....	-	-	-	3,437,399	-	540,204	295,705	4,273,308	4,273,308
Totals .....	652,973,829	183,514,830	836,488,659	4,527,068	10,335,148	6,167,802	4,266,339	25,296,357	861,785,016
Available seat-miles on scheduled services .....	985,960,133	298,914,917	1,284,875,050	1,979,182	20,522,141	8,837,620	7,287,092	38,626,035	1,323,501,085
Passenger load factor on scheduled services .....	66.3	61.4	65.1	55.1	50.4	63.7	54.5	54.4	64.8
Goods ton-miles:									
Freight - Scheduled .....	9,602,729	2,943,767	12,546,496	20,983	194,434	54,135	50,410	319,962	12,866,458
Non-scheduled .....	-	-	-	196,059	-	5,762	7,884	209,705	7,884
Totals .....	9,602,729	2,943,767	12,546,496	217,042	194,434	59,897	58,294	529,667	13,076,163
Express - Scheduled .....	860,823	106,601	967,424	519	27,844	-	6,579	34,942	1,002,366
Non-scheduled .....	-	-	-	2,240	-	-	275	2,515	2,515
Totals .....	860,823	106,601	967,424	2,759	27,844	-	6,854	37,457	1,004,881

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

August 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	..	60,134	60,134	471	20,203	9,802	3,047	33,523	93,657
Non-scheduled ..	-	-	-	5,185	-	1,861	41	7,087	7,087
Totals(2) .....	..	60,134	60,134	5,656	20,203	11,663	3,088	40,610	100,744
Mail - Scheduled .....	1,529,350	360,156	1,889,506	5,602	48,818	4,165	5,965	64,550	1,954,056
Non-scheduled ..	-	-	-	21,683	-	1,124	3,444	26,251	26,251
Totals .....	1,529,350	360,156	1,889,506	27,285	48,818	5,289	9,409	90,801	1,980,307
Total - Scheduled .....	11,992,902	3,470,658	15,463,560	27,575	291,299	68,102	66,001	452,977	15,916,537
Non-scheduled ..	-	-	-	225,167	-	8,747	11,644	245,558	245,558
Totals .....	11,992,902	3,470,658	15,463,560	252,742	291,299	76,849	77,645	698,535	16,162,095
Available ton-miles on scheduled services .....	142,073,970	42,793,085	184,867,055	261,003	2,584,230	883,218	998,754	4,727,205	189,594,260
Weight load factor on scheduled services(3) .....	54.4	51.0	53.6	52.3	51.3	71.4	46.4	54.1	53.6
Bulk:									
Departures .....	121	9	130	1,377	274	-	190	1,841	1,971
Hours flown .....	419	16	435	1,459	932	-	648	3,039	3,474
Miles flown .....	186,371	3,625	189,996	154,638	309,099	-	122,752	586,489	776,485
Passengers carried .....	6,486	470	6,958	4,203	10,621	-	2,024	16,848	23,806
Freight carried .....	-	-	-	207,420	518,849	-	535,721	1,261,990	1,261,990
Passenger-miles(4) .....	18,590,933	251,424	18,842,357	574,699	30,737,148	-	2,806,502	34,118,349	52,960,706
Goods ton-miles(4) .....	-	-	-	972	303,566	-	272,124	576,662	576,662
Revenue non-transportation services:									
Specialty flying - Hours flown .....	16	-	16	362	-	-	-	362	378
Total - All services:									
Traffic, hours and miles(5)									
Revenue:									
Departures .....	18,634	2,814	21,448	2,502	1,883	2,492	1,135	8,012	29,460
Hours flown .....	29,613	5,757	35,370	3,034	2,609	1,908	1,773	9,324	44,694
Miles flown .....	9,589,267	2,141,397	11,730,664	343,991	645,897	300,587	299,983	1,590,458	13,321,122
Passengers carried .....	655,461	113,676	769,137	19,671	47,849	20,750	13,652	101,922	871,059
Cargo carried .....	13,871,515	2,353,747	16,225,262	1,027,810	1,282,033	299,433	831,000	3,440,276	19,665,538
Goods carried .....	16,858,049	2,697,760	19,555,809	1,193,241	1,522,856	386,225	895,577	3,997,899	23,553,708
Passenger-miles(4) .....	671,564,762	183,766,254	855,331,016	5,101,767	41,072,296	6,167,802	7,072,841	59,414,706	914,745,722
Goods ton-miles(4) .....	11,992,902	3,470,658	15,463,560	253,714	594,865	76,849	349,769	1,275,197	16,738,757

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

August 1968

- 14 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
<b>Total - All services - Concluded:</b>									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown ..... No.	261	122	383	116	115	28	50	309	692
Passengers carried(2).....	-	3,478	3,478	301	611	171	244	1,327	4,805
Goods carried(2) ..... lb.	-	177,250	177,250	1,429	15,120	-	17,466	34,015	211,265
Passenger-miles ..... No.	31,035,626	7,127,746	38,163,372	92,673	223,467	52,555	96,888	465,583	38,628,955
Goods ton-miles ..... "	461,613	247,091	708,704	431	3,698	-	5,342	9,471	718,175
<b>Fuel and oil consumed:</b>									
Turbo fuel - Quantity ..... gal.	26,874,595	6,333,674	33,208,269	117,791	876,891	329,714	75,658	1,400,054	34,608,323
Cost ..... \$	3,702,508	977,375	4,679,883	25,914	196,391	69,240	18,723	310,268	4,990,151
Gasoline - Quantity ..... gal.	-	638,517	638,517	206,338	342,532	13,500	237,959	800,329	1,438,846
Cost ..... \$	-	188,798	188,798	70,004	132,715	4,455	99,209	306,383	495,181
Turbo oil - Quantity ..... gal.	4,578	527	5,105	63	330	1,918	6	2,317	7,422
Cost ..... \$	41,043	5,372	46,415	945	4,290	6,713	60	12,008	58,423
Other oil - Quantity ..... gal.	-	5,257	5,257	3,103	3,205	648	2,604	9,560	14,817
Cost ..... \$	-	6,515	6,515	3,989	4,006	518	3,343	11,856	18,371
<b>Average number of employees:</b>									
Pilots and co-pilots ..... No.	1,172	381	1,553	73	91	57	57	278	1,831
Other flight personnel ....	1,695	457	2,152	21	76	23	36	156	2,308
General management ..... "	97	119	216	22	111	56	21	210	426
Maintenance labour ..... "	3,509	749	4,258	222	207	120	117	666	4,924
Aircraft and traffic servicing ..... "	5,903	1,633	7,536	119	150	132	97	498	8,034
Other personnel ..... "	4,776	1,029	5,805	55	48	12	54	169	5,974
Total employees ..... "	17,152	4,368	21,520	512	683	400	382	1,977	23,497
<b>Salaries and wages:</b>									
Pilots and co-pilots ..... \$	1,574,818	501,824	2,076,642	69,454	121,535	53,116	50,769	294,874	2,371,516
Other flight personnel ....	945,153	291,273	1,236,426	8,400	37,932	7,090	18,834	72,256	1,308,682
General management ..... \$	216,486	134,276	350,762	24,508	67,039	36,438	20,877	148,662	499,424
Maintenance labour ..... \$	2,369,323	478,545	2,847,868	113,203	156,452	63,155	63,162	395,972	3,243,840
Aircraft and traffic servicing ..... \$	3,715,760	824,185	4,539,945	52,491	85,774	62,418	35,350	236,033	4,775,978
Other personnel ..... \$	3,298,177	489,315	3,787,492	22,920	21,582	8,035	21,908	74,445	3,861,937
Total salaries and wages ..... \$	12,119,717	2,719,418	14,839,135	290,776	490,314	230,252	210,900	1,222,242	16,061,377

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

August 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	521,505	91,738	11,398	37,228	20,750	11,143	693,762
Domestic interline .....	127,468	9,848	3,928	-	-	-	152,749
Foreign interline .....	-	11,505	-	-	-	-	-
Totals(2) .....	648,973	113,091	15,326	37,228	20,750	11,143	846,511
<b>Express carried:</b>							
Originated .....	1,944,685	247,922	18,359	88,880	-	35,019	2,334,865
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,944,685	247,922	18,359	88,880	-	35,019	2,334,865
<b>Freight carried:</b>							
Originated .....	11,926,830	1,696,416	802,031	674,304	299,433	211,459	15,610,473
Domestic interline .....	-	48,393	-	-	-	-	48,393
Foreign interline .....	-	109,611	-	-	-	-	109,611
Totals(2) .....	11,926,830	1,854,420	802,031	674,304	299,433	211,459	15,768,477
<b>Excess baggage carried:</b>							
Originated .....	-	29,900	21,575	80,554	53,093	13,421	198,543(3)
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	29,900	21,575	80,554	53,093	13,421	198,543(3)
<b>Mail carried:</b>							
Originated .....	2,986,534	308,618	143,856	160,269	33,699	29,671	3,662,647
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	2,986,534	308,618	143,856	160,269	33,699	29,671	3,662,647

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

August 1968

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
<b>Unit toll:</b>							
Departures .....	2,922	1,104	740	156	4,922	16,396	21,318
Hours flown .....	4,640	5,561	2,319	819	13,339	21,580	34,919
Miles scheduled .....	1,277,966	2,660,372	869,799	383,152	5,191,289	6,118,932	11,310,221
<b>Miles flown:</b>							
Scheduled - Regular .....	1,259,954	2,651,470	869,799	383,152	5,164,375	6,035,733	11,200,108
Extra sections .....	27,506	40,830	11,797	23,725	103,858	236,702	340,560
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,287,460	2,692,300	881,596	406,877	5,268,233	6,272,435	11,540,668
Ratio of regular miles flown to miles scheduled .....	98.6	99.7	100.0	100.0	99.5	98.6	99.0
<b>Passengers carried</b> .....	No.	No.	No.	No.	No.	No.	No.
Cargo carried .....	lb.	lb.	lb.	lb.	lb.	lb.	lb.
Mail carried .....	lb.	lb.	lb.	lb.	lb.	lb.	lb.
Passenger-miles .....	No.	No.	No.	No.	No.	No.	No.
Available seat-miles on scheduled services	79,309,055	247,161,129	57,423,881	37,079,750	420,973,815	415,514,844	836,488,659
Passenger load factor on scheduled services	127,885,003	403,272,874	100,267,706	66,006,952	697,432,535	587,442,515	1,284,875,050
Goods ton-miles:							
Express .....	59,362	-	-	-	59,362	908,062	967,424
Freight .....	752,012	4,241,264	990,033	943,762	6,927,071	5,619,425	12,546,496
Excess baggage .....	18	22,334	16,735	20,418	59,505	629	60,134
Mail .....	46,960	255,155	147,247	175,268	624,630	1,264,876	1,889,506
Totals .....	858,352	4,518,753	1,154,015	1,139,448	7,670,568	7,792,992	15,463,560
Available ton-miles on scheduled service	17,319,244	58,577,762	12,538,435	10,208,194	98,643,635	86,223,420	184,867,055
Weight load factor on scheduled services(1)	50.0	49.9	55.0	47.5	50.3	57.4	53.6
<b>Bulk:</b>							
Departures .....	483	301	13	-	797	-	-
Hours flown .....	592	1,817	63	-	2,472	-	-
Miles flown .....	107,642	874,755	26,309	-	1,008,706	-	-
Passengers carried .....	1,335	27,061	912	-	29,308	-	-
Goods carried .....	186,460	116,177	-	-	302,637	-	-
Passenger-miles(2) .....	681,265	110,872,483	2,093,449	-	113,647,197	-	-
Goods ton-miles(2) .....	34,092	96,738	-	-	130,830	-	-
<b>Total:</b>							
Departures .....	3,405	1,405	753	156	5,719	-	-
Hours flown .....	5,232	7,378	2,382	819	15,811	-	-
Miles flown .....	1,395,102	3,567,055	907,905	406,877	6,276,939	-	-
Passengers carried .....	-	-	-	-	285,469	-	-
Goods carried .....	-	-	-	-	6,847,128	-	-
Passenger-miles(2) .....	79,990,320	358,033,612	59,517,330	37,079,750	534,621,012	-	-
Goods ton-miles(2) .....	892,444	4,613,491	1,154,015	1,139,448	7,801,398	-	-

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

August 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	190,469	195,441	385,910	51,631	84,746	136,377
Bulk ..... "	1,123	887	2,010	5,408	4,214	9,622
Totals ..... "	191,592	196,328	387,920	57,039	88,960	145,999
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,499,361	4,482,422	5,981,783	1,380,360	4,832,150	6,212,510
Bulk ..... "	-	29,800	29,800	42,900	64,900	107,800
Totals ..... "	1,499,361	4,512,222	6,011,583	1,423,260	4,897,050	6,320,310
Mail carried (unit toll) ..... "	171,304	302,350	473,654	118,929	214,747	333,676
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	12,489	15,645	28,134	254,589	295,832	550,421
Bulk ..... "	-	322	322	6,531	5,423	11,954
Totals ..... "	12,489	15,967	28,456	261,120	301,255	562,375
Freight, express and excess baggage carried:						
Unit toll ..... lb.	377,003	428,137	805,140	3,256,724	9,742,709	12,999,433
Bulk ..... "	-	-	-	42,900	94,700	137,600
Totals ..... "	377,003	428,137	805,140	3,299,624	9,837,409	13,137,033
Mail carried (unit toll) ..... "	99,486	61,284	160,770	389,719	578,381	968,100
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	115,667	140,494	256,161	138,922	155,338	294,260
Bulk ..... "	2,646	2,706	5,352	3,885	2,717	6,602
Totals ..... "	118,313	143,200	261,513	142,807	158,055	300,862
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,672,016	4,372,928	6,044,944	1,584,708	5,369,781	6,954,489
Bulk ..... "	-	-	-	42,900	94,700	137,600
Totals ..... "	1,672,016	4,372,928	6,044,944	1,627,608	5,464,481	7,092,089
Mail carried (unit toll) ..... "	263,588	235,959	499,547	126,131	342,422	468,553

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

August 1968

Type of service:	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	11,485	232,521	93,412	1,867,706	433	40,706	4,323	318,682
Recreational flying .....	1,584	36,656	12,489	281,030	233	24,003	1,097	114,509
Aerial photography and survey(1) ...	1,259	181,707	7,005	783,622	12	1,499	2,407	569,610
Aerial photography .....	305	17,949	531	32,367	129	7,430	201	13,255
Aerial inspection, reconnaissance and advertising(2) .....	4,028	388,881	15,904	1,815,957	2,223	355,826	9,765	1,641,099
Aerial application & distribution (3) ..	782	163,786	2,687	540,505	8	107	75	23,259
Aerial control .....	609	167,109	2,677	743,558	338	37,333	1,324	151,117
Aerial construction .....	-	-	-	-	18	8,563	76	23,063
Air ambulance and mercy services ...	19	2,649	62	7,426	3	340	13	2,573
Aircraft rental .....	3,116	67,228	17,033	362,326	180	9,134	793	53,613
Non-transportation charter .....	467	92,461	2,224	471,711	416	28,120	752	74,641
Totals .....	23,654	1,350,947	154,024	6,906,208	3,993	513,061	20,826	2,985,421

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

August 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
	No.		No.		No.	
Carriers reporting .....	19	...	14	...	33	...
Helicopters - Owned .....	214	229	37	36	251	265
Leased .....	38	27	-	-	38	27
Totals .....	252	256	37	36	289	292
Revenue hours flown - Unit toll .....	-	-	-	1	-	1
Bulk .....	19,692	73,875	1,066	3,875	20,758	77,750
Specialty .....	2,847	16,458	1,146	4,368	3,993	20,826
Totals .....	22,539	90,333	2,212	8,244	24,751	98,577
Non-revenue hours flown .....	608	4,610	7	426	615	5,036
Fuel and oil consumed:						
Gasoline .....	gal. 443,622	1,987,874	32,289	125,651	475,911	2,113,525
Cost .....	\$ 206,854	914,674	15,131	59,305	221,985	973,979
Oil .....	gal. 5,558	29,194	542	2,175	6,100	31,369
Cost .....	\$ 11,330	56,760	965	4,047	12,295	60,807
Average number of employees:						
Pilots .....	No. 269	244	26	19	295	263
Administrative .....	" 131	122	1	1	132	123
Maintenance labour .....	" 250	249	16	13	266	262
Other personnel .....	" 25	23	-	-	25	23
Totals .....	" 675	638	43	33	718	671
Salaries and wages:						
Pilots .....	\$ 292,338	1,732,468	21,262	114,374	313,600	1,846,842
Administrative .....	\$ 86,207	660,050	600	4,500	86,807	664,550
Maintenance labour .....	\$ 170,385	1,225,204	9,567	54,552	179,952	1,279,756
Other personnel .....	\$ 18,243	73,953	-	-	18,243	73,953
Totals .....	\$ 567,173	3,691,675	31,429	173,426	598,602	3,865,101

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
August 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	2,536,697	10,494,140
Total transportation .....	2,536,697	10,494,140
Other flying services .....	408,100	2,595,511
Total flying services .....	2,944,797	13,089,651
Non-flying services .....	84,794	360,089
Total operating revenues .....	3,029,591	13,449,740
Operating expenses:		
Flying operations .....	801,753	4,773,284
Maintenance .....	725,856	4,204,737
General service and administration .....	194,657	1,495,262
Depreciation and amortization .....	154,750	1,133,943
Total operating expenses .....	1,877,016	11,607,226
Operating income (deficit) .....	1,152,575	1,842,515
Non-operating income:		
Capital gains and losses .....	29,029	74,436
Interest and discounts .....	1,602	2,631
Miscellaneous non-operating income .....	2,449	34,160
Income before interest expense .....	1,185,655	1,953,742
Interest expense .....	50,636	324,462
Income before income taxes .....	1,135,019	1,629,280
Provision for income taxes .....	87,960	148,361
Net income after income taxes .....	1,047,059	1,480,919

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.  
(2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air: Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

CATALOGUE No.

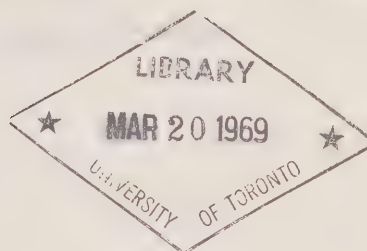
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MONTHLY



# CIVIL AVIATION

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## TABLE OF CONTENTS

Page

Introduction .....	5
--------------------	---

### Charts:

Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6

Review and Analysis .....	7
---------------------------	---

### Tables:

1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19

Civil Aviation Definitions .....	20
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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

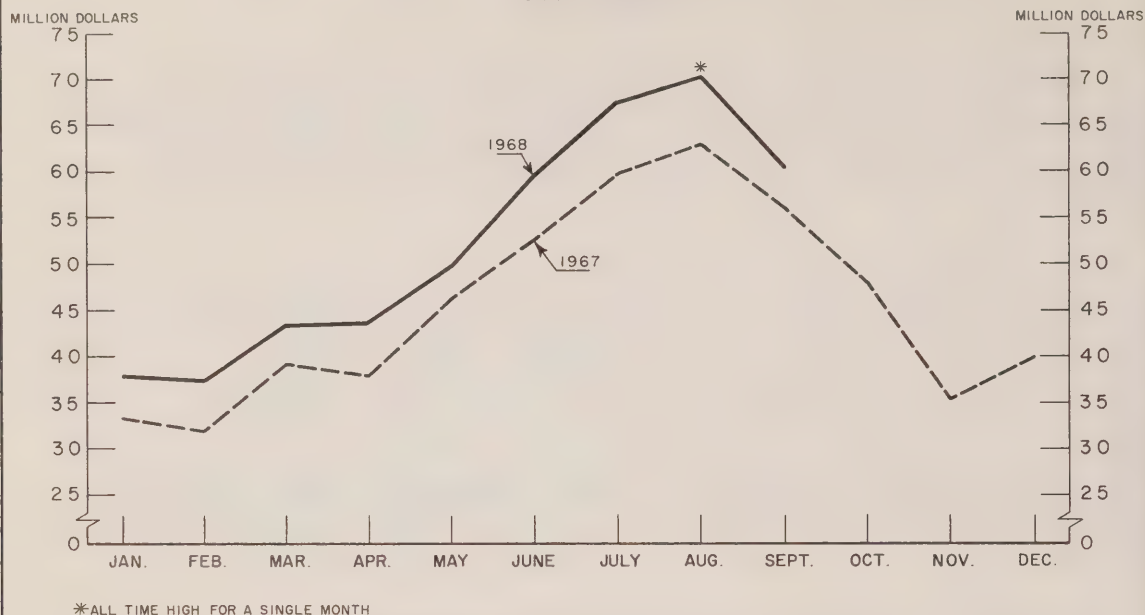
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

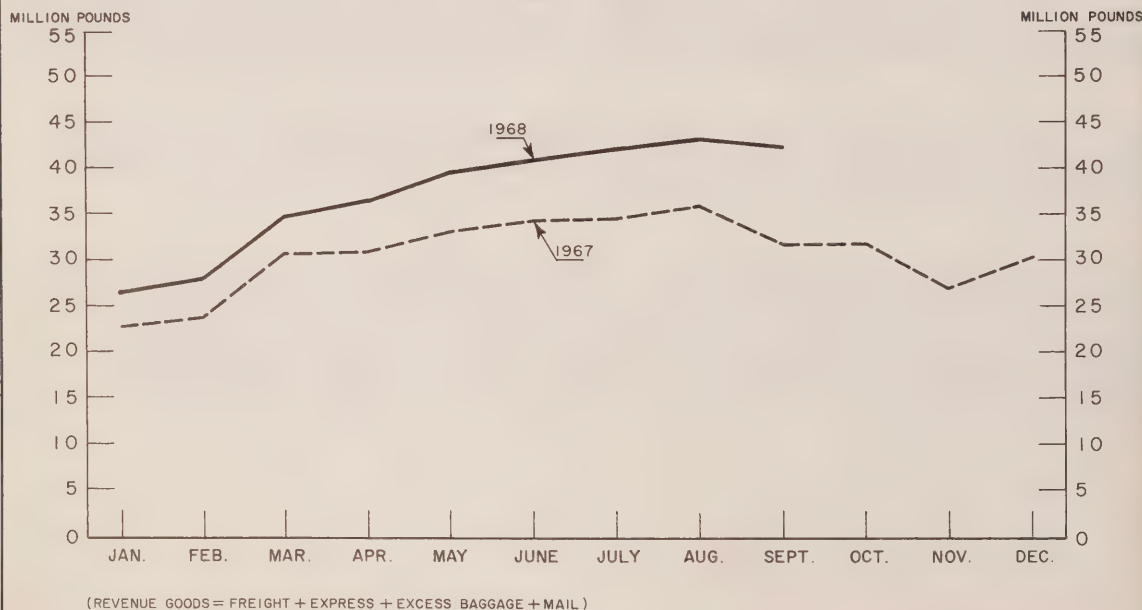
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



REVIEW OF SEPTEMBER OPERATIONS  
CANADIAN CARRIERS GROUPS I-IV AND FOREIGN CARRIERS

(September 1967 figures in brackets)

September operations of Canadian carriers showed a slight decrease in passenger traffic and a marked increase in cargo traffic when compared with September 1967 activities. The number of passengers carried decreased by 4.0 per cent to 872,212 (908,617) while the weight of goods carried increased by 32.2 per cent to 21,082 (15,942) tons. Revenue passenger-miles were up 2.6 per cent to 796,221,094 (775,685,331) while goods ton-miles rose by 44.6 per cent to 20,147,501 (13,928,687). For all services, the number of revenue miles flown showed an increase of 13.5 per cent to 17,490,390 (15,411,676).

Operating revenues for September totalled \$60,115,450 (\$56,017,217) up 7.3 per cent over the previous year while expenses rose by 14.2 per cent to \$51,069,641 (\$44,714,418). The resultant operating income decreased by 20.0 per cent to \$9,045,809 (\$11,302,799) and net income after taxes decreased by 26.4 per cent to \$4,442,748 (\$6,037,108).

The 20 (16) carriers operating helicopters exclusively flew 16,475 (14,946) revenue hours using 247 (214) helicopters. Their operating revenues amounted to \$2,375,439 (\$2,101,544) while operating expenses totalled \$1,833,212 (\$1,370,556). Nine carriers (11) operating both fixed-wing aircraft and helicopters reported a total of 1,381 (2,270) revenue hours using 30 (42) helicopters.

The six scheduled carriers transported 763,775 (810,814) revenue passengers or 87.6 (89.2) per cent of the total for Canadian carriers, as well as 12,545 (10,103) tons of revenue goods or 59.5 (63.4) per cent of the total weight of revenue goods carried. Operating revenues of \$50,637,500 (\$48,154,824) and expenses amounting to \$43,161,088 (\$38,548,805) were reported for the month, accounting for 84.2 (86.0) per cent of the revenues and 84.5 (86.2) per cent of the expenses for all Canadian carriers.

On international scheduled services in September Canadian air carriers transported 211,948 (223,253) revenue passengers or 27.7 (27.5) per cent of the total for all unit toll services of Canadian carriers. Passenger-miles on international scheduled services amounted to 331,953,741 (309,590,066) or 47.0 (39.9) per cent of total unit toll passenger-miles. By area of service, the proportional breakdown of passenger-miles is as follows:

<u>Area</u>	<u>Percentage of International Passenger-Miles</u>
Transborder .....	18.9
Trans-Atlantic and Polar .....	57.5
Southern .....	13.3
Pacific and Orient .....	10.3
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 276,081 (329,554) revenue passengers, a decrease of 16.2 per cent from September 1967, and 4,430 (3,108) tons of revenue goods, an increase of 42.5 per cent.

Cumulative Data, Year-to-Date

During the first nine months of 1968 Canadian carriers transported 7,131,650 (6,886,182) passengers or 3.6 per cent more than in the same period of 1967. The weight of revenue goods carried was up by 34.5 per cent to 166,513 (123,835) tons. Revenue miles flown increased to 139,209,720 (123,681,419) up 12.6 per cent. Operating revenues totalled \$469,201,938 (\$419,388,964) an increase of 11.9 per cent while expenses were up by 13.1 per cent to \$433,931,538 (\$383,809,947). Operating income was \$35,270,400 (\$35,579,017) and net income after taxes fell to \$14,944,098 (\$19,086,170).

Foreign carriers operating scheduled services in Canada showed for the nine month period a decrease of 3.9 per cent in revenue passengers carried to 1,968,272 (2,048,452). Weight of revenue goods carried was up by 36.3 per cent to 30,847 (22,637) tons over this period.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

September 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
	Group I and II(1)	Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	29	81	116	116	11	11	138	...
Revenue transportation services:									
Unit toll:									
Departures .....	25,108	3,934	4,649	8,583	33,691	..	..	..	..
Hours flown .....	37,049	3,189	2,583	5,772	42,821	601	2,663	46,085	405,542
Miles scheduled .....	11,341,679	...	...	...	11,341,679	204,641	994,985	12,541,305	104,677,330
Miles flown:(4)									
Scheduled .....	11,425,194	...	...	...	11,425,194	200,291	994,794	12,620,279	105,793,296
Non-scheduled .....	109,968	433,448	355,217	788,665	898,633	-	-	898,633	8,060,671
Totals .....	11,535,162	433,448	355,217	788,665	12,323,827	200,291	994,794	13,518,912	113,853,967
Passengers carried .....	744,575	11,286	10,209	21,495	766,070	184,337	78,444	1,028,851	8,346,891
Goods carried:									
Cargo .....	19,168,706	804,429	617,228	1,421,657	20,590,363	3,134,350	4,636,591	28,633,309	223,971,312
Excess baggage(5) .....	193,685	55,017	23,303	78,320	272,005	-	-	266,332	46,385,613
Mail .....	4,330,334	227,679	147,188	374,867	4,705,201	568,182	266,332	5,539,715	270,356,925
Totals .....	23,692,725	1,087,125	787,719	1,874,844	25,567,569	3,702,532	4,902,923	34,173,024	
Passenger-miles .....	706,317,271	2,683,205	1,640,241	4,323,446	710,640,717	7,941,493	66,029,717	784,611,927	6,270,219,895
Goods ton-miles:									
Cargo .....	15,807,983	276,187	48,875	325,062	16,133,045	78,537	1,800,022	18,124,056	138,251,431
Excess baggage(5) .....	97,469	12,250	2,733	14,983	112,452	14,008	115,615	2,519,368	22,476,274
Mail .....	2,314,877	58,382	16,486	74,868	2,389,745	92,545	1,915,637	20,643,424	160,727,705
Totals .....	18,220,329	346,819	68,094	414,913	18,635,242	-	-	-	-
Bulk:									
Departures .....	1,890	16,408	28,182	44,590	46,480	..	..	..	..
Hours flown .....	2,853	24,181	26,227	50,408	53,261	8	88	53,357	338,666
Miles flown .....	647,711	1,848,416	2,670,436	4,518,852	5,166,563	3,505	28,883	5,198,951	33,993,752
Passengers carried .....	19,200	41,541	45,401	86,942	106,142	1,229	12,071	119,442	753,031
Freight carried .....	1,397,728	7,266,912	7,931,735	15,198,647	16,596,375	181,100	72,560	16,850,035	124,362,008
Passenger-miles(6) .....	39,530,649	45,250,721	799,007	46,049,728	85,580,377	..	..	..	..
Goods ton-miles(6) .....	769,542	574,246	168,471	742,717	1,512,259	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	311	8,655	11,743	20,398	20,709	-	-	20,709	195,559

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

September 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers (2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers				United States carriers	Other Foreign carriers (3)		
	Groups I and II (1)	Group III (1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours: (7)										
Departures .....	26,998	20,342	32,831	53,173	80,171					
Hours flown .....	40,213	36,025	40,553	76,578	116,791			2,751	120,151	939,767
Miles flown .....	12,182,873	2,281,864	3,025,653	5,307,517	17,490,390			1,023,677	18,717,863	147,847,719
Passengers carried .....	763,775	52,827	55,610	108,437	872,212			90,515	1,148,293	9,099,922
Cargo carried .....	20,566,434	8,071,341	8,548,963	16,620,304	37,458,743 (8)			3,315,450	45,483,344	348,333,320
Goods carried .....	25,090,453	8,354,037	8,719,454	17,073,491	42,163,944			4,709,151	51,023,059	394,718,933
Passenger-miles (6) .....	745,847,920	47,933,926	2,439,248	50,373,174	796,221,094			3,883,632		
Goods ton-miles (6) .....	18,989,871	921,065	236,565	1,157,630	20,147,501					
Non-revenue:										
Hours flown .....	794	1,405	1,112	2,517	3,311			8	3,320	33,455
Passengers carried .....	3,832	129	99	228	4,060			1,199	9,311	80,477
Goods carried .....	169,022	76,037	66,771	142,808	311,830			90,807	449,872	4,017,634
Passenger-miles .....	36,183,488	150,430	27,644	178,074	36,361,562			972,196	37,506,416	302,907,470
Goods ton-miles .....	620,157	58,431	6,185	64,616	684,773			30,027	715,870	8,102,802
Fuel and oil consumed:										
Turbo fuel - Quantity .....	32,142,180	1,268,547	58,455	1,327,002	33,469,182			6,486,742	41,212,416	334,089,101
Cost .....	4,602,752	261,144	16,791	277,935	4,880,687			1,079,472	6,052,718	48,695,722
Gasoline - Quantity .....	1,248,665	1,060,344	763,694	1,824,038	3,072,703			-	3,072,703	23,362,887
Cost .....	408,714	463,161	333,292	796,453	1,205,167			-	1,205,167	9,406,299
Turbo oil - Quantity .....	7,422	549	18	567	7,989			234	8,355	72,112
Cost .....	64,449	1,639	226	1,865	66,314			1,616	68,820	546,618
Other oil - Quantity .....	12,523	13,675	13,103	26,778	39,301			-	39,301	316,742
Cost .....	13,967	22,350	21,199	43,549	57,516			-	57,516	467,022
Average number of employees:										
Pilots and co-pilots .....	1,816	630	620	1,250	3,066					
Other flight personnel .....	2,174	131	25	156	2,330					
General management .....	426	189	149	338	764					
Maintenance labour .....	4,907	579	458	1,037	5,944					
Aircraft & traffic servicing .....	7,872	201	109	310	8,182					
Other personnel .....	5,927	337	180	517	6,444					
Totals .....	23,122	2,067	1,541	3,608	26,730			808	28,203	27,956
Salaries and wages paid:										
Pilots and co-pilots .....	2,502,319	624,734	487,881	1,112,615	3,614,934					
Other flight personnel .....	1,268,422	71,557	10,208	81,765	1,350,187					
General management .....	499,278	164,153	98,291	262,444	761,722					
Maintenance labour .....	3,164,711	347,817	235,088	582,905	3,747,616					
Aircraft & traffic servicing .....	4,774,675	74,849	43,032	117,881	4,892,556					
Other personnel .....	3,855,314	153,785	70,292	224,077	4,079,391					
Totals .....	16,064,719	1,436,895	944,792	2,381,687	18,446,406			409,533	19,353,582	185,764,928

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

September 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (I)	Total	Group III (I)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	39,947,863	1,879,562	41,827,425	378,074	241,054	619,128	42,446,553	339,471,896
Express .....	983,383	36,878	1,020,261	10,011	7,941	17,952	1,038,213	6,868,263
Freight .....	3,239,643	263,235	3,502,878	168,880	51,644	220,524	3,723,402	28,052,395
Excess baggage .....	200,359	39,621	239,980	19,406	3,920	23,326	263,306	2,034,979
Mail .....	1,675,417	145,750	1,821,167	83,032	35,622	118,654	1,939,821	16,915,211
Total unit toll transportation ..	46,046,665	2,365,046	48,411,711	659,403	340,181	999,584	49,411,295	393,342,747
Bulk transportation:								
Passengers .....	820,101	788,575	1,608,676	4,443,813	2,658,185	7,101,998	8,710,674	57,448,620
Total transportation .....	46,866,766	3,153,621	50,020,387	5,103,216	2,998,366	8,101,582	58,121,969	450,791,367
Other flying services .....	4,874	81,015	85,889	636,026	384,353	1,020,379	1,106,268	11,347,044
Total flying services .....	46,871,640	3,234,636	50,106,276	5,739,242	3,382,719	9,121,961	59,228,237	462,138,411
Non-flying services .....	502,228	28,996	531,224	98,395	257,594	355,989	887,213	7,063,527
Total operating revenues .....	47,373,868	3,263,632	50,637,500	5,837,637	3,640,313	9,477,950	60,115,450	469,201,938
Operating expenses:								
Flying operations .....	10,325,486	1,076,778	11,402,264	2,499,047	1,328,068	3,827,115	15,229,379	123,128,387
Maintenance .....	6,137,540	989,384	7,126,924	1,321,930	724,739	2,046,669	9,173,593	86,813,737
General services and administration:								
Passenger service .....	4,117,267	210,130	4,327,397	..	..	..	..	..
Aircraft and traffic servicing .....	6,176,467	454,335	6,630,802	..	..	..	..	..
Promotion and sales .....	7,083,988	255,924	7,339,912	..	..	..	..	..
General administration .....	1,703,473	229,262	1,932,735	..	..	..	..	..
Totals .....	19,081,195	1,149,651	20,230,846	896,143	516,400	1,412,543	21,643,389	183,211,215
Depreciation and amortization .....	4,110,622	290,432	4,401,054	358,248	263,978	622,226	5,023,280	40,778,199
Total operating expenses .....	39,654,843	3,506,245	43,161,088	5,075,368	2,833,185	7,908,553	51,069,641	433,931,538
Operating income (loss) .....	7,719,025	Dr. 242,613	7,476,412	762,269	807,128	1,569,397	9,045,809	35,270,400
Non-operating income - Net:								
Capital gains and losses .....	-	Dr. 1,472	Dr.	15,446	13,974	29,420	27,948	803,440
Interest and discounts .....	554,823	18,907	573,730	27,476	1,845	29,321	603,051	5,273,429
Miscellaneous non-operating income ..	35,187	113,156	148,343	21,870	12,730	34,600	182,943	613,788
Income before interest expense .....	8,309,035	Dr. 112,022	8,197,013	827,061	835,677	1,662,738	9,859,751	41,961,057
Interest expense .....	1,944,833	222,126	2,166,959	145,141	81,360	226,501	2,393,460	19,331,270
Income before income taxes .....	6,364,202	Dr. 334,148	6,030,054	681,920	754,317	1,436,237	7,466,291	22,629,787
Provision for income taxes .....	2,995,000	-	2,995,000	Cr. 8,179	36,722	28,543	3,023,543	7,685,689
Net income after income taxes .....	3,369,202	Dr. 334,148	3,035,054	690,099	717,595	1,407,694	4,442,748	14,944,098

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

September 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	31,264,812	8,683,051	340,339	774,627	442,348	322,248	41,827,425	335,026,182
Express .....	922,978	60,405	3,689	23,644	-	9,545	1,020,261	6,764,143
Freight .....	2,430,644	808,999	77,425	92,747	63,858	29,205	3,502,878	26,370,864
Excess baggage .....	126,606	73,753	6,557	19,067	11,435	2,562	239,980	1,909,900
Mail .....	1,135,428	539,989	48,556	58,933	9,508	28,753	1,821,167	15,976,729
Total unit toll transportation ..	35,880,468	10,166,197	476,566	969,018	527,149	392,313	48,411,711	386,047,818
Bulk transportation .....	815,598	4,503	186,124	461,384	9,610	131,457	1,608,676	12,003,678
Total transportation .....	36,696,066	10,170,700	662,690	1,430,402	536,759	523,770	50,020,387	398,051,496
Other flying services .....	4,874	-	81,015	-	-	-	85,889	900,014
Total flying services .....	36,700,940	10,170,700	743,705	1,430,402	536,759	523,770	50,106,276	398,951,510
Non-flying services .....	370,940	131,288	21,880	603	603	6,513	531,224	3,768,320
Total operating revenues .....	37,071,880	10,301,988	765,585	1,430,402	537,362	530,283	50,637,500	402,719,830
Operating expenses:								
Flying operations .....	7,519,457	2,806,029	247,498	486,532	154,869	187,879	11,402,264	96,631,874
Maintenance .....	5,140,310	997,230	278,476	353,164	198,752	158,992	7,126,924	70,865,601
General services and administration:								
Passenger service .....	3,191,325	925,942	36,926	100,134	24,560	48,510	4,327,397	37,748,924
Aircraft and traffic servicing ..	5,081,815	1,094,652	142,384	176,706	51,754	83,491	6,630,802	55,365,466
Promotion and sales .....	5,050,481	2,033,507	18,877	91,611	112,353	33,083	7,339,912	61,306,296
General administration .....	1,268,044	435,429	39,411	84,033	49,281	56,537	1,932,735	17,482,845
Totals .....	14,591,665	4,489,550	237,598	432,484	237,948	221,621	20,430,846	171,883,531
Depreciation and amortization .....	3,963,886	146,736	62,330	149,886	59,661	18,555	4,401,054	35,800,709
Total operating expenses .....	31,215,318	8,439,525	825,902	1,442,066	651,230	587,047	43,161,088	375,181,715
Operating income (loss) .....	5,856,562	1,862,463	Dr.	11,664	Dr.	56,764	7,476,412	27,538,115
Non-operating income - Net:								
Capital gains and losses .....	-	-	Dr.	-	-	-	Dr.	199,149
Interest and discounts .....	481,483	73,340	8,094	10,813	-	-	573,730	5,029,868
Miscellaneous non-operating income ..	44,573	9,386	Dr.	618	Dr.	119,712	148,343	260,977
Income before interest expense .....	6,382,618	1,926,417	Dr.	1,469	Dr.	62,948	8,197,013	33,028,109
Interest expense .....	1,644,833	300,000	37,820	78,933	68,125	37,248	2,166,959	17,546,321
Income before income taxes .....	4,737,785	1,626,417	Dr.	80,402	Dr.	25,700	6,030,054	15,481,788
Provision for income taxes .....	2,370,000	625,000	-	-	-	-	2,995,000	7,331,000
Net income after income taxes .....	2,367,785	1,001,417	Dr.	80,402	Dr.	25,700	3,035,054	8,150,788

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

September 1968

- 12 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	17,153	2,656	19,809	1,024	1,396	2,020	859	5,299	25,108
Hours flown .....	26,396	5,500	31,896	1,067	1,517	1,573	996	5,153	37,049
Miles scheduled .....	8,531,213	2,015,673	10,546,886	116,846	294,665	250,772	132,510	794,793	11,341,679
Miles flown:									
Scheduled .....	8,436,966	2,012,023	10,448,989	115,758	280,210	189,910	128,544	714,422	11,163,411
Extra sections .....	180,445	27,131	207,576	8,951	24,926	14,995	5,335	54,207	261,793
Non-scheduled .....	-	-	-	43,039	-	37,897	29,032	109,968	109,968
Totals .....	8,617,411	2,039,154	10,656,565	167,748	305,136	242,802	162,911	878,597	11,535,162
Ratio of regular miles flown to miles scheduled .....	98.9	99.8	99.1	99.1	95.1	75.7	97.0	89.9	98.4
Passengers carried .....	579,775	98,764	678,539	10,259	31,531	13,699	10,547	66,036	744,575
Goods carried:									
Freight .....	13,046,181	2,277,960	15,324,141	608,850	700,880	281,974	198,747	1,790,451	17,114,592
Express .....	1,752,118	180,147	1,932,265	15,584	77,172	-	29,093	121,849	2,054,114
Excess baggage(2) .....	-	29,757	29,757	22,140	79,088	46,147	16,553	163,928	193,685
Mail .....	3,427,824	365,201	3,793,025	217,043	206,181	44,860	69,225	537,309	4,330,334
Totals .....	18,226,123	2,853,065	21,079,188	863,617	1,063,321	372,981	313,618	2,613,537	23,692,725
Passenger-miles:									
Scheduled .....	527,234,530	159,273,369	686,507,899	2,898,704	8,547,883	3,944,179	3,449,199	18,839,965	705,347,864
Non-scheduled .....	-	-	-	269,582	-	483,120	216,705	969,407	969,407
Totals .....	527,234,530	159,273,369	686,507,899	3,168,286	8,547,883	4,427,299	3,665,904	19,809,372	706,317,271
Available seat-miles on scheduled services .....	902,580,033	285,884,950	1,188,464,983	5,024,587	18,838,547	6,706,816	6,547,884	37,117,834	1,225,582,817
Passenger load factor on scheduled services .....	58.4	55.7	57.8	57.7	45.4	58.8	52.7	50.8	57.6
Goods ton-miles:									
Freight - Scheduled .....	10,977,652	3,466,028	14,443,680	38,023	233,079	47,639	35,493	354,234	14,797,914
Non-scheduled .....	-	-	-	127,048	-	8,190	7,975	143,213	143,213
Totals .....	10,977,652	3,466,028	14,443,680	165,071	233,079	55,829	43,468	497,447	14,941,127
Express - Scheduled .....	759,153	76,597	835,750	2,234	22,886	-	5,241	30,361	866,111
Non-scheduled .....	-	-	-	395	-	-	745	350	745
Totals .....	759,153	76,597	835,750	2,629	22,886	-	5,986	31,106	866,856

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

September 1968

	Group I carriers			Group II carriers(1)				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	
Revenue transportation services - Concluded:								
Unit toll - Concluded:								
Goods ton-miles - Concluded:								
Excess baggage - Scheduled .....	No.	59,540	59,540	5,880	17,361	9,121	3,374	95,276
Non-scheduled ...	"	-	-	358	-	1,835	-	2,193
Totals(2) ....	"	59,540	59,540	6,238	17,361	10,956	3,374	97,469
Mail - Scheduled .....	"	437,618	2,190,688	35,956	61,711	4,978	7,044	2,300,377
Non-scheduled .....	"	-	-	8,449	-	985	5,066	14,500
Totals .....	"	437,618	2,190,688	44,405	61,711	5,963	12,110	2,314,877
Total - Scheduled .....	"	4,039,975	17,529,658	82,093	335,037	61,738	51,152	530,020
Non-scheduled .....	"	-	-	136,250	-	11,010	13,391	160,651
Totals .....	"	4,039,975	17,529,658	218,343	335,037	72,748	64,543	690,671
Available ton-miles on scheduled services .....	"	131,493,566	172,322,140	650,173	2,360,187	671,601	724,409	176,728,510
Weight load factor on scheduled services(3) .....	50.4	48.9	50.0	57.2	50.4	67.9	54.7	50.1
Bulk:								
Departures .....	217	6	223	1,500	64	23	80	1,890
Hours flown .....	667	10	677	1,336	464	47	329	2,176
Miles flown .....	284,976	1,952	286,928	131,531	159,165	6,369	63,718	360,783
Passengers carried .....	9,779	244	10,023	3,268	4,383	120	1,406	9,177
Freight carried .....	34,585	-	34,585	287,031	779,374	-	296,738	1,363,143
Passenger-miles(4) .....	24,887,320	113,434	25,000,754	381,182	12,615,570	134,080	1,399,063	39,530,649
Goods ton-miles(4) .....	63,619	-	63,619	4,367	510,520	-	191,036	705,923
Revenue non-transportation services:								
Specialty flying - Hours flown .....	17	-	17	294	-	-	-	294
Total - All services:								
Traffic, hours and miles: (5)								
Revenue:								
Departures .....	17,370	2,662	20,032	2,524	1,460	2,043	939	26,998
Hours flown .....	27,080	5,510	32,590	2,697	1,981	1,620	1,325	40,423
Miles flown .....	8,902,387	2,041,106	10,943,493	299,279	464,501	249,171	226,829	1,239,580
Passengers carried .....	569,554	99,008	668,562	13,527	35,914	13,819	11,953	75,213
Cargo carried .....	14,832,884	2,458,107	17,290,991	911,465	1,557,426	281,974	524,578	3,275,443
Goods carried .....	18,260,708	2,853,065	21,113,773	1,150,648	1,842,695	372,984	610,356	20,566,434
Passenger-miles(4) .....	552,121,850	159,386,803	711,508,653	3,549,468	21,163,453	4,561,379	5,064,967	25,090,453
Goods ton-miles(4) .....	13,553,494	4,039,783	17,593,277	222,710	845,557	72,748	255,579	18,989,871

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

September 1968

	Group I carriers			Group II carriers (1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded: (5)									
Non-revenue:									
Hours flown .....	323	79	402	134	179	48	31	392	794
Passengers carried .....	..	3,013	3,013	222	359	106	132	819	3,832
Goods carried .....	..	130,296	130,296	7,736	22,396	-	8,594	38,726	169,022
Passenger-miles .....	27,207,820	8,684,263	35,892,083	81,392	121,097	34,579	54,337	291,405	36,183,488
Goods ton-miles .....	449,367	159,620	608,987	1,463	7,182	-	2,525	11,170	620,157
Fuel and oil consumed:									
Turbo fuel - Quantity .....	24,798,380	6,195,653	30,994,033	98,783	649,170	273,595	126,599	1,148,147	32,142,180
Cost .....	\$ 3,406,081	\$ 951,565	\$ 4,357,646	\$ 21,732	\$ 136,303	\$ 57,454	\$ 29,617	\$ 245,106	\$ 4,602,752
Gasoline - Quantity .....	-	616,508	616,508	182,360	276,591	26,806	146,400	632,157	1,248,665
Cost .....	-	\$ 186,736	\$ 186,736	\$ 60,954	\$ 97,225	\$ 8,846	\$ 54,953	\$ 221,978	\$ 408,714
Turbo oil - Quantity .....	5,375	559	5,934	72	235	1,175	6	1,488	7,422
Cost .....	\$ 48,199	\$ 7,930	\$ 56,129	\$ 791	\$ 3,458	\$ 4,011	\$ 60	\$ 8,320	\$ 64,449
Other oil - Quantity .....	-	5,416	5,416	2,732	2,606	751	1,018	7,107	12,523
Cost .....	-	\$ 5,324	\$ 5,324	\$ 3,525	\$ 3,257	\$ 601	\$ 1,260	\$ 8,643	\$ 13,967
Average number of employees:									
Pilots and co-pilots .....	1,165	373	1,538	74	91	57	56	278	1,816
Other flight personnel .....	1,556	466	2,022	21	76	20	35	152	2,174
General management .....	97	120	217	22	111	56	20	209	426
Maintenance labour .....	3,498	746	4,244	221	207	118	117	663	4,907
Aircraft and traffic servicing .....	5,727	1,653	7,380	119	150	127	96	492	7,872
Other personnel .....	4,740	1,023	5,763	56	42	12	54	164	5,927
Total employees .....	16,783	4,381	21,164	513	677	390	378	1,958	23,122
Salaries and wages:									
Pilots and co-pilots .....	\$ 1,703,814	\$ 496,852	\$ 2,200,666	\$ 67,186	\$ 116,342	\$ 70,442	\$ 47,683	\$ 301,653	\$ 2,502,319
Other flight personnel .....	\$ 868,529	\$ 317,016	\$ 1,185,545	\$ 9,228	\$ 35,191	\$ 13,454	\$ 25,004	\$ 82,877	\$ 1,268,422
General management .....	\$ 215,411	\$ 134,259	\$ 349,670	\$ 24,308	\$ 67,899	\$ 36,822	\$ 20,579	\$ 149,608	\$ 499,278
Maintenance labour .....	\$ 2,256,149	\$ 481,812	\$ 2,737,961	\$ 114,364	\$ 152,862	\$ 98,841	\$ 60,683	\$ 426,750	\$ 3,164,711
Aircraft and traffic servicing .....	\$ 3,631,847	\$ 858,546	\$ 4,490,393	\$ 55,586	\$ 86,831	\$ 103,667	\$ 38,198	\$ 284,282	\$ 4,774,675
Other personnel .....	\$ 3,272,587	\$ 502,651	\$ 3,775,238	\$ 23,144	\$ 20,385	\$ 14,177	\$ 22,370	\$ 80,076	\$ 3,855,314
Total salaries and wages .....	\$ 11,948,337	\$ 2,791,136	\$ 14,739,473	\$ 293,816	\$ 479,510	\$ 337,403	\$ 214,517	\$ 1,325,246	\$ 16,064,719

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

September 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	474,183	80,624	7,092	31,531	13,699	10,282	617,411
Domestic interline .....	105,592	8,853	3,115	-	-	-	126,750
Foreign interline .....	-	9,190	-	-	-	-	-
Totals(2) .....	579,775	98,667	10,207	31,531	13,699	10,282	744,161
<b>Express carried:</b>							
Originated .....	1,752,118	180,147	15,584	77,172	-	29,093	2,054,114
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,752,118	180,147	15,584	77,172	-	29,093	2,054,114
<b>Freight carried:</b>							
Originated .....	13,046,181	1,807,225	608,850	700,880	281,974	165,404	16,610,514
Domestic interline .....	-	51,547	-	-	-	-	51,547
Foreign interline .....	-	95,968	-	-	-	-	95,968
Totals(2) .....	13,046,181	1,954,740	608,850	700,880	281,974	165,404	16,758,029
<b>Excess baggage carried:</b>							
Originated .....	..	29,757	22,140	79,088	46,147	16,553	193,685(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	29,757	22,140	79,088	46,147	16,553	193,685(3)
<b>Mail carried:</b>							
Originated .....	3,427,824	356,646	217,043	206,181	44,860	32,993	4,285,547
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	3,427,824	356,646	217,043	206,181	44,860	32,993	4,285,547

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.  
(2) Excludes division interline.  
(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

September 1968

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures .....	2,694	995	635	144	4,468	15,341	19,809
Hours flown .....	4,045	5,091	1,955	799	11,890	20,006	31,896
Miles scheduled .....	1,200,666	2,478,209	765,268	376,647	4,820,790	5,726,096	10,546,886
Miles flown:							
Scheduled - Regular .....	1,185,423	2,459,210	764,039	374,700	4,783,372	5,665,617	10,448,989
Extra sections .....	15,843	-	-	21,850	37,693	169,883	207,576
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,201,266	2,459,210	764,039	396,550	4,821,065	5,835,500	10,656,565
Ratio of regular miles flown to miles scheduled .....	98.7	99.2	99.8	99.5	99.2	98.9	99.1
Passengers carried .....	No.						
Cargo carried .....	lb.						
Mail carried .....							
Passenger-miles .....	No.						
Available seat-miles on scheduled services	"						
Passenger load factor on scheduled services							
Goods ton-miles:							
Express .....	65,179	-	-	-	65,179	770,571	835,750
Freight .....	797,613	5,313,225	950,131	1,214,452	8,275,421	6,168,259	14,443,680
Excess baggage .....	53	18,779	21,574	19,079	59,485	55	59,540
Mail .....	53,905	275,763	164,587	233,009	727,264	1,463,424	2,190,688
Totals .....	916,750	5,607,767	1,136,292	1,466,540	9,127,349	8,402,309	17,529,658
Available ton-miles on scheduled service ....	16,331,505	53,705,759	11,011,290	9,761,849	90,810,403	81,511,737	172,322,140
Weight load factor on scheduled services(1)	44.0	46.0	50.3	50.2	46.6	53.8	50.0
Bulk:							
Departures .....	727	201	15	-	943	-	-
Hours flown .....	896	1,397	83	-	2,376	-	-
Miles flown .....	159,395	671,113	30,533	-	861,041	-	-
Passengers carried .....	2,687	18,934	1,064	-	22,685	-	-
Goods carried .....	377,089	207,801	2,567	-	587,457	-	-
Passenger-miles(2) .....	No.						
Goods ton-miles(2) .....	68,890	74,763,287	2,460,784	-	78,400,978	-	-
Total:							
Departures .....	3,421	1,196	650	144	5,411	-	-
Hours flown .....	4,941	6,488	2,038	799	14,266	-	-
Miles flown .....	1,360,661	3,130,323	794,572	396,550	5,682,106	-	-
Passengers carried .....	-	-	-	-	234,633	-	-
Goods carried .....	-	-	-	-	7,392,054	-	-
Passenger-miles(2) .....	63,921,715	265,661,140	46,472,480	34,299,384	410,354,719	-	-
Goods ton-miles(2) .....	985,640	5,917,489	1,140,083	1,466,540	9,509,752	-	-

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

September 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	166,701	162,284	328,985	49,513	67,819	117,332
Bulk ..... "	12,519	5,222	17,741	1,225	1,098	2,323
Totals ..... "	179,220	167,506	346,726	50,738	68,917	119,655
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,549,859	4,812,444	6,362,303	1,654,891	5,190,396	6,845,287
Bulk ..... "	50,300	165,385	215,685	72,560	-	72,560
Totals ..... "	1,600,159	4,977,829	6,577,988	1,727,451	5,190,396	6,917,847
Mail carried (unit toll) ..... "	217,299	584,704	802,003	171,144	229,602	400,746
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	9,463	12,038	21,501	225,677	242,141	467,818
Bulk ..... "	-	459	459	13,744	6,779	20,523
Totals ..... "	9,463	12,497	21,960	239,421	248,920	488,341
Freight, express and excess baggage carried:						
Unit toll ..... lb.	421,923	477,686	899,609	3,626,673	10,480,526	14,107,199
Bulk ..... "	-	-	-	122,860	165,385	288,245
Totals ..... "	421,923	477,686	899,609	3,749,533	10,645,911	14,395,444
Mail carried (unit toll) ..... "	112,949	70,832	183,781	501,392	885,138	1,386,530
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	97,157	107,880	205,037	128,520	134,261	262,781
Bulk ..... "	3,197	4,026	7,223	10,547	2,753	13,300
Totals ..... "	100,354	111,906	212,260	139,067	137,014	276,081
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,797,501	4,538,757	6,336,258	1,829,172	5,941,769	7,770,941
Bulk ..... "	-	34,585	34,585	122,860	130,800	253,660
Totals ..... "	1,797,501	4,573,342	6,370,843	1,952,032	6,072,569	8,024,601
Mail carried (unit toll) ..... "	316,379	235,637	552,016	185,013	649,501	834,514

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

September 1968

	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Type of service:								
Flying training .....	10,517	210,990	103,929	2,078,696	210	21,734	4,533	340,416
Recreational flying .....	1,497	33,361	13,986	314,391	213	20,254	1,310	134,763
Aerial photography and survey(1) ...	868	132,068	7,873	915,690	4	437	2,411	570,047
Aerial photography .....	99	7,645	630	40,012	8	846	209	14,101
Aerial inspection, reconnaissance and advertising(2) .....	1,868	148,939	17,772	1,964,896	1,133	168,574	10,898	1,809,673
Aerial application & distribution(3)	682	123,778	3,369	664,283	7	544	82	23,803
Aerial control .....	106	30,738	2,783	774,296	325	41,128	1,649	192,245
Aerial construction .....	-	-	-	-	97	27,394	173	50,457
Air ambulance and mercy services ...	-	-	62	7,426	-	-	13	2,573
Aircraft rental .....	2,479	51,151	19,512	413,477	150	9,446	943	63,059
Non-transportation charter .....	275	15,996	2,499	487,707	171	19,122	923	93,763
Totals .....	18,391	754,666	172,415	7,660,874	2,318	309,479	23,144	3,294,900

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

September 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 20	...	9	...	29	...
Helicopters - Owned .....	" 216	227	30	39	246	266
Leased .....	" 31	27	-	1	31	28
Totals .....	" 247	254	30	40	277	294
Revenue hours flown - Unit toll .....	" -	-	-	1	-	1
Bulk .....	" 14,724	88,599	814	4,742	15,538	93,341
Specialty .....	" 1,751	18,258	567	4,886	2,318	23,144
Totals .....	" 16,475	106,857	1,381	9,629	17,856	116,486
Non-revenue hours flown .....	" 590	5,197	18	445	608	5,642
Fuel and oil consumed:						
Gasoline .....	gal. 332,154	2,320,028	22,717	149,076	354,871	2,469,104
Cost .....	\$ 155,484	1,070,158	10,696	70,355	166,180	1,140,513
Oil .....	gal. 3,902	33,827	344	2,534	4,246	36,361
Cost .....	\$ 8,377	65,081	638	4,708	9,015	69,789
Average number of employees:						
Pilots .....	No. 265	246	24	19	289	265
Administrative .....	" 129	123	1	1	130	124
Maintenance labour .....	" 261	250	17	13	278	263
Other personnel .....	" 33	24	-	-	33	24
Totals .....	" 688	643	42	33	730	676
Salaries and wages:						
Pilots .....	\$ 287,325	2,019,793	22,062	137,775	309,387	2,157,568
Administrative .....	\$ 95,504	755,554	600	5,100	96,104	760,654
Maintenance labour .....	\$ 169,111	1,394,315	9,471	64,023	178,582	1,458,338
Other personnel .....	\$ 24,922	98,875	-	-	24,922	98,875
Totals .....	\$ 576,862	4,268,537	32,133	206,898	608,995	4,475,435

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
September 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	2,072,628	12,566,768
Total transportation .....	2,072,628	12,566,768
Other flying services .....	240,134	2,835,645
Total flying services .....	2,312,762	15,402,413
Non-flying services .....	62,677	422,766
Total operating revenues .....	2,375,439	15,825,179
Operating expenses:		
Flying operations .....	861,900	5,635,184
Maintenance .....	581,683	4,786,420
General service and administration .....	191,475	1,686,736
Depreciation and amortization .....	198,154	1,332,097
Total operating expenses .....	1,833,212	13,440,437
Operating income (deficit) .....	542,227	2,384,742
Non-operating income:		
Capital gains and losses .....	25,244	99,680
Interest and discounts .....	-	2,631
Miscellaneous non-operating income .....	Dr. 8,083	26,077
Income before interest expense .....	559,388	2,513,130
Interest expense .....	36,230	360,692
Income before income taxes .....	523,158	2,152,438
Provision for income taxes .....	1,635	149,996
Net income after income taxes .....	521,523	2,002,442

TABLE 11. Operating Statistics, Canadian Group V Carriers  
September 1968

	Quarter	Year to date
Reporting carriers .....	264	...
Transportation:		
Hours flown .....	38,089	76,619
Passengers carried .....	82,122	167,392
Goods carried .....	5,739,226	11,937,481
Specialty flying services:		
Flying training .....	69,345	181,437
Recreational flying .....	14,977	31,030
Aerial photography and survey(1) .....	321	1,139
Aerial photography .....	146	279
Aerial inspection, reconnaissance and advertising(2) .....	4,902	10,656
Aerial application and distribution(3) .....	3,572	8,677
Aerial control .....	843	1,206
Aerial construction .....	-	32
Air ambulance and mercy services .....	14	35
Aircraft rental .....	9,307	24,453
Non-transportation charter .....	1,237	1,624
Totals .....	104,664	260,568
Total - All services:		
Revenue hours flown .....	144,073	338,507
Non-revenue hours flown .....	5,402	12,810

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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# CIVIL AVIATION

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

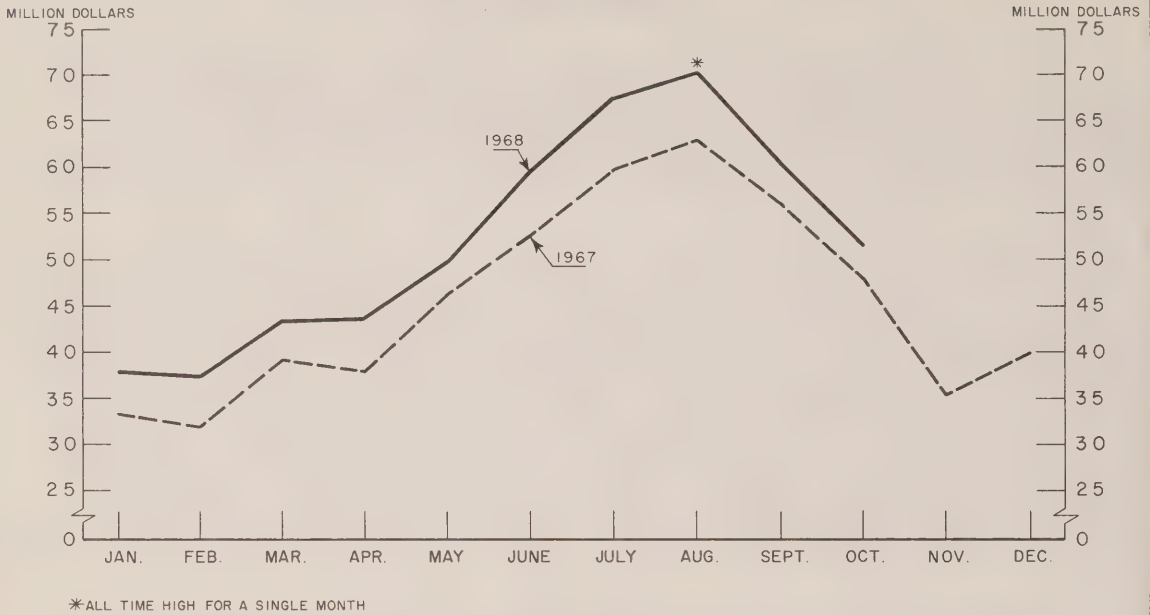
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

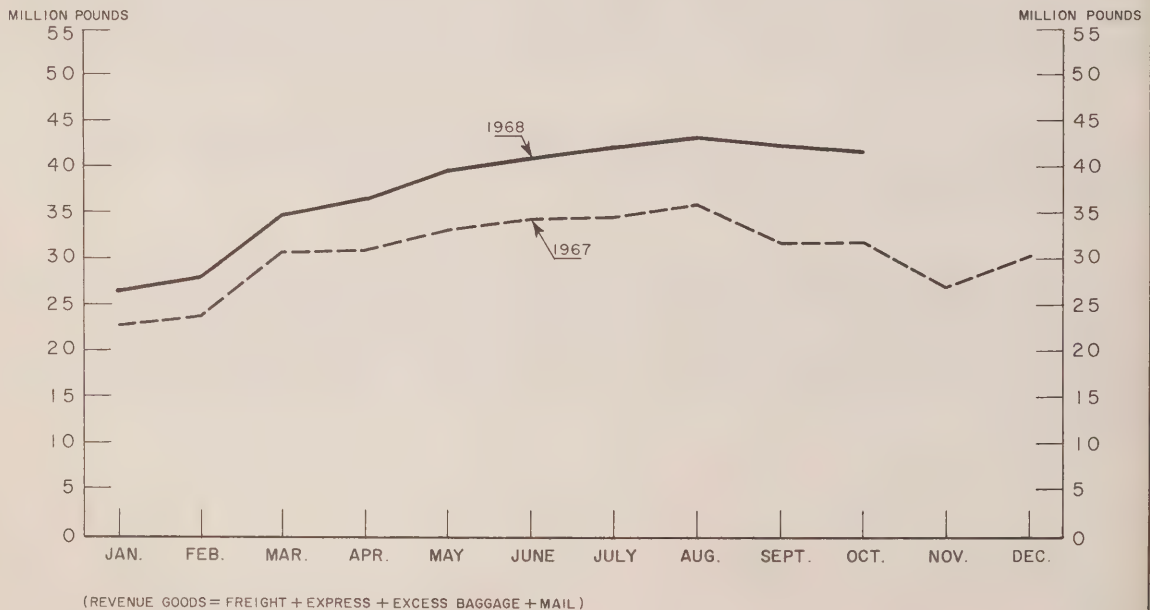
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



# REVIEW OF OCTOBER OPERATIONS

## CANADIAN CARRIERS GROUPS I-IV AND FOREIGN CARRIERS

(October 1967 figures in brackets)

October operations of Canadian carriers showed decreased passenger activity but increased cargo activity compared to October 1967 operations. The number of revenue passengers carried decreased by 3.2 per cent to 780,692 (806,281) while the weight of goods carried increased by 29.7 per cent to 20,646 (15,916) tons. Revenue passenger-miles decreased by 2.6 per cent to 633,867,043 (650,787,583) while the number of goods ton-miles increased by 37.1 per cent to 21,596,061 (15,748,626). The number of revenue miles flown increased by 8.2 per cent to 15,354,134 (14,191,082).

Operating revenues for October 1968 were up by 6.8 per cent to \$51,193,987 (\$47,947,084) but operating expenses increased by 13.0 per cent to \$49,902,238 (\$44,177,942). As a result, operating income for the month declined to \$1,291,749 (\$3,769,142) and net income after taxes was a deficit figure of \$830,813 compared to an income in October 1967 of \$1,501,594.

The twenty (16) carriers operating helicopters exclusively flew 10,204 (9,276) revenue hours using 239 (214) helicopters. Their operating revenues totalled \$1,584,957 (\$1,424,969) while operating expenses amounted to \$1,682,165 (\$1,370,486). Thirteen (11) carriers operating fixed-wing aircraft as well as helicopters reported 1,469 (1,525) revenue hours using 38 (42) helicopters.

The six scheduled carriers transported 701,638 (735,904) revenue passengers or 89.9 (91.3) per cent of the total for all Canadian carriers. These six carriers transported 13,630 (10,595) tons of revenue goods or 66.0 (66.6) per cent of the total. Reported operating revenues for the scheduled carriers amounted to \$44,949,052 (\$42,387,232) or 87.8 (88.4) per cent of revenues for all carriers. Operating expenses amounted to \$42,844,525 (\$39,178,436) or 85.9 (88.7) per cent of the total for all carriers.

Canadian carriers providing international unit toll services during the month transported 182,115 (204,988) revenue passengers over 261,765,067 (264,468,577) passenger-miles. These operations accounted for 29.2 (30.9) per cent of the number of revenue passengers carried and 46.0 (44.1) per cent of the passenger-miles reported for all unit toll services. By area of service the proportional breakdown of international passenger-miles was as follows:

<u>Area</u>	<u>Percentage of International Passenger-Miles</u>
Transborder .....	20.9
Trans-Atlantic and Polar .....	50.4
Southern .....	16.4
Pacific and Orient .....	12.3
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 227,813 (273,523) revenue passengers, a decrease of 16.7 per cent from October 1967 and 4,720 (2,986) tons of revenue goods, an increase of 53.4 per cent.

### Cumulative Data, Year-to-Date

During the first ten months of 1968 Canadian air carriers transported 7,912,342 (7,692,463) passengers or 2.9 per cent more than in the same period of 1967. Weight of revenue goods carried was up 21.0 per cent to 187,160 (154,663) tons. In carrying this additional traffic carriers flew 154,563,854 (137,872,511) revenue miles or 12.1 per cent more than in the same period of 1967. Operating revenues for the year-to-date increased by 11.4 per cent to \$520,395,925 (\$467,336,048) while operating expenses were up 13.0 per cent to \$483,833,776 (\$427,987,889). As a result, operating income decreased to \$36,562,149 (\$39,348,159) and net income after taxes fell to \$14,113,285 (\$20,587,764).

Foreign carriers operating scheduled services in Canada transported 2,196,085 (2,321,975) revenue passengers, a decrease of 5.4 per cent, and 35,725 (27,751) tons of revenue goods, an increase of 28.7 per cent over the first ten months of 1967.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

October 1968

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV				Total		
Number of carriers reporting ...	6	29	82	111	117	11	11	139	...
Revenue transportation services:									
Unit toll:									
Departures .....	25,104	4,176	4,648	8,824	33,928	..	..	..	..
Hours flown .....	35,683	2,653	2,554	5,207	40,890	638	1,930	43,458	449,000
Miles scheduled .....	10,520,671	...	...	...	10,520,671	212,150	814,348	11,547,169	116,224,499
Miles flown:(4)									
Scheduled .....	10,727,483	...	...	...	10,727,483	209,958	803,153	11,740,594	117,533,890
Non-scheduled .....	204,423	354,212	341,837	696,049	900,472	-	-	900,472	8,961,143
Totals .....	10,931,906	354,212	341,837	696,049	11,627,955	209,958	803,153	12,641,066	126,495,033
Passengers carried .....	688,441	8,275	10,983	19,258	707,699	173,338	51,341	932,378	9,279,269
Goods carried:									
Cargo .....	21,508,573	774,078	329,055	1,103,133	22,611,706	3,503,275	4,893,592	31,215,078	255,186,390
Excess baggage(5) .....	148,912	36,374	21,219	57,593	206,505	-	-	6,215,075	52,600,688
Mail .....	4,777,390	256,859	137,988	394,847	5,172,237	768,692	274,146	37,430,153	307,787,078
Totals .....	26,434,875	1,067,311	488,262	1,555,573	27,990,448	4,271,967	5,167,738	640,499,567	6,910,719,462
Passenger-miles .....	587,120,908	1,891,177	1,576,489	3,467,666	590,588,574	7,560,602	42,350,391	640,499,567	6,910,719,462
Goods ton-miles:									
Cargo .....	17,376,391	231,050	27,025	258,075	17,634,466	87,559	1,787,320	19,594,422	157,845,853
Excess baggage(5) .....	75,476	7,626	1,975	9,601	85,077	-	-	2,694,383	25,170,657
Mail .....	2,484,284	59,564	15,879	75,443	2,559,727	17,935	116,721	22,288,805	183,016,510
Totals .....	19,936,151	298,240	44,879	343,119	20,279,270	105,494	1,904,041	22,288,805	183,016,510
Bulk:									
Departures .....	1,248	13,597	20,568	34,165	35,413	..	..	..	..
Hours flown .....	2,138	18,396	17,080	35,476	37,614	1	67	37,682	376,348
Miles flown .....	526,405	1,373,194	1,826,580	3,199,774	3,726,179	270	24,474	3,750,923	37,744,675
Passengers carried .....	13,197	26,504	33,292	59,796	72,993	98	3,036	76,127	829,158
Freight carried .....	824,708	6,807,093	5,669,792	12,476,885	13,301,593	-	-	13,301,593	137,663,601
Passenger-miles(6) .....	27,404,760	15,005,801	867,908	15,873,709	43,278,469	..	..	..	..
Goods ton-miles(6) .....	699,981	540,244	76,566	616,810	1,316,791	..	..	..	..
Revenue non-transportation services:									
Specialty flying - Hours flown "	268	6,981	10,501	17,482	17,750	-	-	17,750	213,309

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

October 1968

	Canadian carriers					Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers		Non-scheduled carriers			Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Groups I and II(1)	Group III(1)	Group IV	Total	Total					
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	26,352	17,773	25,216	42,989	69,341					
Hours flown .....	"	28,030	30,135	58,165	96,254					1,038,657
Miles flown .....	"	11,458,311	2,168,417	3,895,823	15,354,134					16,391,989
Passengers carried .....	"	701,638	34,779	44,275	79,054					1,008,505
Cargo carried .....	"	22,333,281	7,581,171	5,998,847	13,580,018					392,849,991
Goods carried .....	"	27,259,383	7,874,404	6,158,054	14,032,458					445,450,679
Passenger-miles(6) .....	"	614,525,668	16,896,942	2,444,397	19,341,375					50,731,746
Goods ton-miles(6) .....	"	20,636,132	838,484	121,445	959,929					838,670
Non-revenue:										
Hours flown .....	"	875	1,267	1,282	2,549					36,883
Passengers carried .....	"	4,220	166	68	234					89,934
Goods carried .....	"	212,623	42,433	177,376	219,809					4,605,450
Passenger-miles .....	"	40,228,508	166,942	23,350	190,292					647,445,324
Goods ton-miles .....	"	766,260	28,906	12,894	41,800					8,941,472
Fuel and oil consumed:										
Turbo fuel - Quantity .....	gal.	29,546,067	413,168	87,626	500,794					370,671,169
Cost .....	\$	4,258,776	96,286	25,168	121,454					5,312,745
Gasoline - Quantity .....	gal.	1,322,062	910,165	550,724	1,460,889					26,158,452
Cost .....	\$	432,278	389,574	241,165	630,739					1,066,404
Turbo oil - Quantity .....	gal.	6,543	39	23	62					79,043
Cost .....	\$	54,265	257	284	541					603,609
Other oil - Quantity .....	gal.	11,905	12,580	8,798	33,283					350,137
Cost .....	\$	13,865	20,864	15,971	36,835					517,835
Average number of employees:										
Pilots and co-pilots .....	No.	1,819	594	613	1,207					
Other flight personnel .....	"	2,091	130	54	184					
General management .....	"	4,424	197	161	358					
Maintenance labour .....	"	4,900	563	498	1,061					
Aircraft & traffic servicing .....	"	7,850	189	97	286					
Other personnel .....	"	5,971	340	611	6,582					
Totals .....	"	23,055	2,013	1,694	3,707					
Salaries and wages paid:										
Pilots and co-pilots .....	\$	2,518,678	532,582	459,059	991,641					27,984
Other flight personnel .....	"	1,237,022	63,778	26,719	90,497					
General management .....	"	637,861	177,996	111,662	289,658					
Maintenance labour .....	"	3,320,093	333,789	258,727	592,516					
Aircraft & traffic servicing .....	"	4,670,577	66,187	39,450	105,637					
Other personnel .....	"	3,958,140	172,621	122,335	294,956					
Totals .....	"	16,342,371	1,346,953	1,017,952	2,364,905					
19,612,949										
205,377,877										

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

October 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Non-scheduled carriers				
				Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	33,913,714	1,763,339	35,677,053	266,121	225,274	491,395	36,168,448	375,640,344
Express .....	866,798	42,331	909,129	6,664	3,464	10,128	919,257	7,787,520
Freight .....	3,460,763	309,059	3,769,822	148,949	34,630	183,579	3,953,401	32,005,796
Excess baggage .....	191,177	36,648	227,825	4,456	4,434	8,890	236,715	2,271,694
Mail .....	1,737,939	144,869	1,882,808	82,001	30,063	112,064	1,994,872	18,910,086
Total unit toll transportation ..	40,170,391	2,296,246	42,466,637	508,191	297,865	806,056	43,272,693	436,615,440
Bulk transportation .....	861,165	430,768	1,291,933	2,841,687	1,683,112	4,524,799	5,816,732	63,265,352
Total transportation .....	41,031,556	2,727,014	43,758,570	3,349,878	1,980,977	5,330,855	49,089,425	499,880,792
Other flying services .....	14,934	43,389	58,323	421,263	345,142	766,405	824,728	12,171,772
Total flying services .....	41,046,490	2,770,403	43,816,893	3,771,141	2,326,119	6,097,260	49,914,153	512,052,564
Non-flying services .....	617,505	514,654	1,132,159	151,168	Dr.	147,675	1,279,834	8,343,361
Total operating revenues .....	41,663,995	3,285,057	44,949,052	3,922,309	2,322,626	6,244,935	51,193,987	520,395,925
Operating expenses:								
Flying operations .....	9,990,464	1,057,923	11,048,387	2,015,556	1,160,836	3,176,392	14,224,779	137,353,166
Maintenance .....	6,594,963	899,306	7,494,269	1,287,568	654,657	1,942,225	9,436,494	96,250,231
General services and administration:								
Passenger service .....	3,896,936	163,879	4,060,815	..	..	..	..	..
Aircraft and traffic servicing .....	6,402,098	431,460	6,833,558	..	..	..	..	..
Promotion and sales .....	6,720,090	238,098	6,958,188	..	..	..	..	..
General administration .....	1,746,059	287,231	2,033,290	..	..	..	..	..
Totals .....	18,765,183	1,120,668	19,885,851	871,798	439,961	1,311,759	21,197,610	204,408,825
Depreciation and amortization .....	4,164,406	251,612	4,416,018	333,304	294,033	627,337	5,043,355	45,821,554
Total operating expenses .....	39,515,016	3,329,509	42,844,525	4,508,226	2,549,487	7,057,713	49,902,238	483,833,776
Operating income (loss) .....	2,148,979	Dr.	2,104,527	Dr.	226,861	Dr.	1,291,749	36,562,149
Non-operating income - Net:								
Capital gains and losses .....	-	383	Dr.	6,759	77,224	70,465	70,082	873,522
Interest and discounts .....	688,210	10,246	698,456	36,287	1,147	37,434	735,890	6,009,319
Miscellaneous non-operating income ..	97,503	4,488	93,015	Dr.	1,660	Dr.	69,716	683,504
Income before interest expense .....	2,934,692	Dr.	2,895,615	Dr.	146,830	Dr.	2,167,437	44,128,494
Interest expense .....	1,991,355	193,605	2,184,960	169,823	64,856	234,679	2,419,639	21,750,909
Income before income taxes .....	943,337	Dr.	710,655	Dr.	211,686	Dr.	252,202	22,377,585
Provision for income taxes .....	510,000	-	510,000	54,153	14,458	68,611	578,611	8,264,300
Net income after income taxes .....	433,337	Dr.	200,655	Dr.	805,324	Dr.	1,031,468	14,113,285

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

October 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	26,362,919	7,550,795	265,159	703,729	488,650	305,801	35,677,053	370,703,235
Express .....	790,234	76,564	8,258	24,292	-	9,781	909,129	7,673,972
Freight .....	2,649,496	811,267	71,499	104,734	109,558	23,268	3,769,822	30,140,686
Excess baggage .....	134,483	56,694	8,543	12,653	12,391	3,061	227,825	2,137,725
Mail .....	1,221,028	516,911	43,535	65,636	10,486	25,212	1,882,808	17,859,537
Total unit toll transportation ..	31,158,160	9,012,231	396,994	911,044	621,085	367,123	42,466,637	428,514,455
Bulk transportation .....	860,985	180	111,589	163,213	4,061	151,905	1,291,933	13,295,611
Total transportation .....	32,019,145	9,012,411	508,583	1,074,257	625,146	519,028	43,758,570	441,810,066
Other flying services .....	14,934	-	43,389	-	-	-	58,323	958,337
Total flying services .....	32,034,079	9,012,411	551,972	1,074,257	625,146	519,028	43,816,893	442,768,403
Non-flying services .....	32,479,349	138,156	520,295	Dr.	11,128	5,487	1,132,159	4,900,479
Total operating revenues .....	32,513,428	9,150,567	1,072,267	1,074,257	614,018	524,515	44,949,052	447,668,882
Operating expenses:								
Flying operations .....	7,111,725	2,878,739	219,548	382,520	272,322	183,533	11,048,387	107,680,261
Maintenance .....	5,610,106	984,857	249,292	297,024	187,749	165,241	7,494,269	78,359,870
General services and administration:								
Passenger service .....	2,938,290	958,646	24,542	81,659	19,638	38,040	4,060,815	41,809,739
Aircraft and traffic servicing .....	5,145,752	1,256,346	121,650	170,155	44,237	95,418	6,833,558	62,199,024
Promotion and sales .....	4,814,939	1,905,151	20,000	70,326	110,730	37,042	6,958,188	68,264,484
General administration .....	1,341,151	404,928	40,754	114,768	53,154	78,555	2,033,290	19,496,135
Totals .....	14,240,112	4,525,071	206,946	436,908	227,759	249,055	19,885,851	191,769,382
Depreciation and amortization .....	4,014,886	149,520	59,641	119,523	20,215	52,233	4,416,018	40,216,727
Total operating expenses .....	30,976,829	8,538,187	735,427	1,235,975	708,045	650,062	42,844,525	418,026,240
Operating income (loss) .....	1,536,599	612,380	336,840	Dr.	94,027	Dr.	2,104,527	29,642,642
Non-operating income - Net:								
Capital gains and losses .....	624,098	64,112	97	480	-	-	383	198,766
Interest and discounts .....	109,608	12,105	125	10,121	-	-	698,456	5,728,324
Miscellaneous non-operating income ..	-	Dr.	-	1,272	2,131	3,629	93,015	353,992
Income before interest expense .....	2,270,305	664,387	337,062	Dr.	96,158	Dr.	2,895,615	35,923,794
Interest expense .....	1,696,355	295,000	40,702	76,751	45,905	30,247	2,184,960	19,731,281
Income before income taxes .....	573,950	369,387	296,360	Dr.	142,063	Dr.	710,655	16,192,443
Provision for income taxes .....	290,000	220,000	-	-	-	-	510,000	7,841,000
Net income after income taxes .....	283,950	149,387	296,360	Dr.	142,063	Dr.	200,655	8,351,443

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October 1968

- 12 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	16,826	2,672	19,498	1,013	1,403	2,308	882	5,606	25,104
Hours flown .....	24,729	5,476	30,205	1,081	1,465	1,921	1,011	5,478	35,683
Miles scheduled .....	7,856,573	1,969,915	9,826,488	45,719	276,087	228,755	143,622	694,183	10,520,671
Miles flown:									
Scheduled - Regular .....	7,777,205	1,953,385	9,730,590	42,449	266,226	219,613	140,917	669,205	10,399,795
Extra sections .....	251,637	47,055	298,692	1,243	25,826	-	1,927	28,996	327,688
Non-scheduled .....	-	-	-	121,597	-	56,285	26,541	204,423	204,423
Totals .....	8,028,842	2,000,440	10,029,282	165,289	292,052	275,898	169,385	902,624	10,931,906
Ratio of regular miles flown to miles scheduled .....	99.0	99.2	99.0	92.8	96.4	96.0	98.1	96.4	98.9
Passengers carried .....	536,297	87,219	623,516	8,202	30,826	15,455	10,442	64,925	688,441
Goods carried:									
Freight .....	15,559,322	2,261,178	17,820,500	463,195	695,949	270,963	191,299	1,621,406	19,441,906
Express .....	1,766,036	186,858	1,952,894	13,605	70,056	-	30,112	113,773	2,066,667
Excess baggage(2) .....	-	28,710	28,710	26,688	51,853	41,661	-	120,202	168,912
Mail .....	3,809,388	394,517	4,203,905	229,787	223,189	60,325	59,984	573,485	4,777,390
Totals .....	21,134,746	2,871,263	24,006,009	733,275	1,041,047	373,149	281,395	2,428,866	26,434,875
Passenger-miles:									
Scheduled .....	434,087,205	134,372,622	568,459,827	499,007	7,841,563	4,144,658	3,295,214	15,780,442	584,240,269
Non-scheduled .....	-	-	-	2,003,297	-	658,505	218,837	2,880,639	2,880,639
Totals .....	434,087,205	134,372,622	568,459,827	2,502,304	7,841,563	4,803,163	3,514,051	18,661,081	587,120,908
Available seat-miles on scheduled services .....	809,762,877	280,079,506	1,089,842,383	1,513,034	17,358,283	7,090,794	6,367,070	32,329,181	1,122,171,564
Passenger load factor on scheduled services .....	53.6	48.0	52.2	33.0	45.2	58.5	51.8	48.8	52.1
Goods ton-miles:									
Freight - Scheduled .....	12,582,879	3,429,661	16,012,540	7,773	231,251	57,804	36,410	333,238	16,345,778
Non-scheduled .....	-	-	-	142,154	-	18,295	-	164,397	164,397
Totals .....	12,582,879	3,429,661	16,012,540	149,927	231,251	76,099	40,358	497,635	16,510,175
Express - Scheduled .....	759,850	77,309	837,159	418	20,878	-	5,589	26,885	864,044
Non-scheduled .....	-	-	-	1,885	-	-	-	2,172	2,172
Totals .....	759,850	77,309	837,159	2,303	20,878	-	5,876	29,057	866,216

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

October 1968

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	49,330	49,330	676	10,502	6,819	-	17,997	67,327
Non-scheduled .. " "	-	-	-	5,734	-	2,415	-	8,149	8,149
Totals .....	..	49,330	49,330	6,410	10,502	9,234	-	26,146	75,476
Mail - Scheduled .....	1,916,898	429,544	2,346,442	8,066	69,854	6,003	7,240	91,163	2,437,605
Non-scheduled .. " "	1,916,898	429,544	2,346,442	41,037	-	1,941	3,701	46,679	2,484,284
Totals .....				49,103	69,854	7,944	10,941	137,842	
Total - Scheduled .....	15,259,627	3,985,844	19,245,471	16,933	332,485	70,626	49,239	469,283	19,714,754
Non-scheduled .. " "	-	-	-	190,810	332,485	22,651	7,936	221,397	221,397
Totals .....	15,259,627	3,985,844	19,245,471	207,743	332,485	93,277	57,175	690,680	19,936,151
Available ton-miles on scheduled services .....	122,854,139	40,082,091	162,936,230	181,615	2,303,591	715,543	803,752	4,004,501	166,940,731
Weight load factor on scheduled services(3) .....	47.8	43.5	46.7	36.8	48.5	67.8	47.1	51.1	46.8
Bulk:									
Departures .....	222	1	223	893	24	12	96	1,025	1,248
Hours flown .....	720	1	721	871	166	16	364	1,417	2,138
Miles flown .....	314,587	212	314,799	87,272	49,912	2,745	71,677	211,606	526,405
Passengers carried .....	8,192	28	8,220	1,937	1,400	81	1,559	4,977	13,197
Freight carried .....	109,629	-	109,629	185,583	242,808	286,688	286,688	715,079	824,708
Passenger-miles(4) .....	23,011,910	5,936	23,017,846	232,747	2,202,228	73,929	1,878,010	4,386,914	27,404,760
Goods ton-miles(4) .....	285,200	-	285,200	18,955	216,945	-	178,881	414,781	699,981
Revenue non-transportation services:									
Specialty flying - Hours flown .....	48	-	48	220	-	-	-	220	268
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	17,048	2,673	19,721	1,906	1,427	2,320	978	6,631	26,352
Hours flown .....	25,497	5,477	30,974	2,172	1,631	1,937	1,375	7,115	38,089
Miles flown .....	8,343,429	2,000,652	10,344,081	252,561	341,964	278,643	241,062	1,114,230	11,458,311
Passengers carried .....	544,489	87,247	631,736	10,139	32,226	15,536	12,001	69,902	701,638
Goods carried .....	17,434,987	2,468,036	19,883,023	662,383	1,008,813	270,963	508,099	2,450,258	22,333,281
Freight carried .....	21,244,375	2,871,263	24,115,638	918,838	1,283,855	373,149	568,083	3,143,945	27,259,583
Passenger-miles(4) .....	457,099,115	134,378,558	591,477,673	2,735,051	10,043,791	4,877,092	5,392,061	23,047,995	614,525,668
Goods ton-miles(4) .....	15,544,827	3,985,844	19,530,671	226,698	549,430	93,277	236,056	1,105,461	20,636,132

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

October 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
<b>Total - All services - Concluded:</b>									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown ..... No.	282	223	505	122	110	38	100	370	875
Passengers carried(2) .... "	..	3,168	3,168	279	434	159	180	1,052	4,220
Goods carried(2) ..... lb.	..	146,860	146,860	23,547	23,581	-	18,635	65,763	212,623
Passenger-miles ..... No.	32,525,430	7,339,264	39,864,694	85,348	163,448	50,283	64,735	363,814	40,228,508
Goods ton-miles ..... "	547,780	201,271	749,051	6,516	6,657	-	4,036	17,209	766,260
<b>Fuel and oil consumed:</b>									
Turbo fuel - Quantity ..... gal.	22,797,969	5,886,054	28,684,023	104,669	280,295	328,386	148,694	862,044	29,546,067
Cost ..... \$	3,131,971	939,113	4,071,084	23,027	59,808	68,961	35,896	187,692	4,258,776
Gasoline - Quantity ..... gal.	-	656,631	656,631	149,573	260,938	147,690	107,230	665,431	1,322,062
Cost ..... \$	-	194,517	194,517	50,848	94,697	48,738	43,478	237,761	432,278
Turbo oil - Quantity ..... gal.	4,717	455	5,172	61	180	1,124	6	1,371	6,543
Cost ..... \$	42,579	4,437	47,016	915	2,340	3,934	60	7,249	54,269
Other oil - Quantity ..... gal.	-	5,404	5,404	2,263	2,612	880	746	6,501	11,905
Cost ..... \$	-	6,106	6,106	2,758	3,265	704	1,032	7,759	13,865
<b>Average number of employees:</b>									
Pilots and co-pilots ..... No.	1,162	369	1,531	71	107	57	53	288	1,819
Other flight personnel .... "	1,482	447	1,929	25	76	20	41	162	2,091
General management ..... "	96	119	215	22	110	57	20	209	424
Maintenance labour ..... "	3,489	746	4,235	222	208	121	114	665	4,900
Aircraft and traffic servicing ..... "	5,705	1,643	7,348	116	151	127	108	502	7,850
Other personnel ..... "	4,757	1,050	5,807	56	42	12	54	164	5,971
Total employees ..... "	16,691	4,374	21,065	512	694	394	390	1,990	23,055
<b>Salaries and wages:</b>									
Pilots and co-pilots ..... \$	1,750,327	497,514	2,247,841	61,514	99,952	57,789	51,582	270,837	2,518,678
Other flight personnel ..... \$	877,238	292,485	1,169,723	8,540	30,322	7,562	20,875	67,299	1,237,022
General management ..... \$	336,705	134,771	471,476	24,774	70,605	42,141	28,385	166,385	637,861
Maintenance labour ..... \$	2,453,239	480,774	2,934,013	112,246	150,814	70,552	52,468	386,080	3,320,093
Aircraft and traffic servicing ..... \$	3,561,057	865,079	4,426,136	51,663	85,798	71,133	35,847	244,441	4,670,577
Other personnel ..... \$	3,367,012	509,475	3,876,487	22,714	21,794	9,961	27,184	81,653	3,958,140
Total salaries and wages ..... \$	12,345,578	2,780,098	15,125,676	281,451	459,285	259,138	216,821	1,216,695	16,342,371

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

October 1968

- 15 -

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	449,682	70,664	5,687	30,826	15,455	10,266	582,580
Domestic interline .....	"	8,604	2,512	-	-	-	105,596
Foreign interline .....	"	7,865	-	-	-	-	688,176
Totals(2) .....	536,297	87,133	8,199	30,826	15,455	10,266	
<b>Express carried:</b>							
Originated .....	1,766,036	186,858	13,605	70,056	-	30,112	2,066,667
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	1,766,036	186,858	13,605	70,056	-	30,112	2,066,667
<b>Freight carried:</b>							
Originated .....	15,559,322	1,807,911	463,195	695,949	270,963	170,524	18,967,864
Domestic interline .....	"	52,894	-	-	-	-	52,894
Foreign interline .....	"	99,470	-	-	-	-	99,470
Totals(2) .....	15,559,322	1,960,275	463,195	695,949	270,963	170,524	19,120,228
<b>Excess baggage carried:</b>							
Originated .....	"	28,703	26,688	51,853	41,611	-	148,855(3)
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	"	28,703	26,688	51,853	41,611	-	148,855(3)
<b>Mail carried:</b>							
Originated .....	3,809,388	381,319	229,787	223,189	60,525	36,816	4,741,024
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	3,809,388	381,319	229,787	223,189	60,525	36,816	4,741,024

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

October 1968

	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures .....	2,647	864	629	132	4,272	15,226	19,498
Hours flown .....	3,995	4,225	1,902	786	10,908	19,297	30,205
Miles scheduled .....	1,197,018	2,020,266	754,212	368,199	4,339,695	5,486,793	9,826,488
Miles flown:							
Scheduled - Regular .....	1,183,409	2,008,342	745,631	366,252	4,303,634	5,426,956	9,730,590
Extra sections .....	21,234	14,372	14,457	26,488	76,551	222,141	298,692
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,204,643	2,022,714	760,088	392,740	4,380,185	5,649,097	10,029,282
Ratio of regular miles flown to miles scheduled .....	98.9	99.4	98.9	99.5	99.2	98.9	99.0
Passengers carried .....	No.						
Cargo carried .....	lb.						
Mail carried .....							
Passenger-miles .....	No.						
Available seat-miles on scheduled services							
Passenger load factor on scheduled services							
Goods ton-miles:							
Express .....	69,521	-	-	-	69,521	767,638	837,159
Freight .....	978,125	5,994,990	876,234	1,222,527	9,071,876	6,940,664	16,012,540
Excess baggage .....	24	15,204	19,448	13,399	48,075	1,255	49,330
Mail .....	62,462	305,720	144,102	211,486	723,770	1,622,672	2,346,442
Totals .....	1,110,132	6,315,914	1,039,784	1,447,412	9,913,242	9,332,229	19,245,471
Available ton-miles on scheduled service ....	16,895,488	43,893,419	11,787,269	10,154,216	82,730,392	80,205,838	162,936,230
Weight load factor on scheduled services(1)	38.9	44.5	45.3	45.9	43.6	49.9	46.7
Bulk:							
Departures .....	504	112	22	-	638	-	-
Hours flown .....	675	729	99	-	1,503	-	-
Miles flown .....	125,506	344,989	40,483	-	510,978	-	-
Passengers carried .....	2,291	8,424	1,850	-	12,565	-	-
Goods carried .....	254,556	191,629	-	-	446,185	-	-
Passenger-miles(2) .....	898,511	31,587,492	3,606,181	-	36,092,184	-	-
Goods ton-miles(2) .....	24,235	428,391	-	-	452,626	-	-
Total:							
Departures .....	3,151	976	651	132	4,910	-	-
Hours flown .....	4,670	4,954	2,001	786	12,411	-	-
Miles flown .....	1,330,149	2,367,703	800,571	392,740	4,891,163	-	-
Passengers carried .....	-	-	-	-	194,680	-	-
Goods carried .....	-	-	-	-	9,589,888	-	-
Passenger-miles(2) .....	55,542,943	163,570,674	46,573,338	32,170,296	297,857,251	-	-
Goods ton-miles(2) .....	1,134,367	6,744,305	1,039,784	1,447,412	10,365,868	-	-

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
October 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	155,525	149,768	305,293	32,331	43,670	76,001
Bulk ..... "	750	567	1,317	1,504	3,948	5,452
Totals ..... "	156,275	150,335	306,610	33,835	47,618	81,453
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,842,180	5,580,053	7,422,233	1,737,371	6,251,538	7,988,909
Bulk ..... "	-	-	-	109,629	-	109,629
Totals ..... "	1,842,180	5,580,053	7,422,233	1,847,000	6,251,538	8,098,538
Mail carried (unit toll) ..... "	239,165	810,632	1,049,797	184,193	237,275	421,468
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	10,275	9,953	20,228	198,131	203,391	401,522
Bulk ..... "	802	101	903	3,056	4,616	7,672
Totals ..... "	11,077	10,054	21,131	201,187	208,007	409,194
Freight, express and excess baggage carried:						
Unit toll ..... lb.	513,046	515,157	1,028,203	4,092,597	12,346,748	16,439,345
Bulk ..... "	-	-	-	109,629	-	109,629
Totals ..... "	513,046	515,157	1,028,203	4,202,226	12,346,748	16,548,974
Mail carried (unit toll) ..... "	121,190	66,728	187,918	544,548	1,114,635	1,659,183
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	85,278	91,565	176,843	112,853	111,826	224,679
Bulk ..... "	2,074	2,464	4,538	982	2,152	3,134
Totals ..... "	87,352	94,029	181,381	113,835	113,978	227,813
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,202,187	5,840,291	8,042,478	1,890,410	6,506,457	8,396,867
Bulk ..... "	109,629	-	109,629	-	-	-
Totals ..... "	2,311,816	5,840,291	8,152,107	1,890,410	6,506,457	8,396,867
Mail carried (unit toll) ..... "	353,507	262,838	616,345	191,041	851,797	1,042,838

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

October 1968

Type of service:	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	9,755	197,942	113,684	2,276,638	99	7,634	4,632	348,050
Recreational flying .....	1,098	31,189	15,084	345,580	140	12,952	1,450	147,715
Aerial photography and survey(1) ...	1,367	139,991	9,240	1,055,681	17	10,810	2,428	580,857
Aerial photography .....	151	12,551	781	52,563	9	784	218	14,885
Aerial inspection, reconnaissance and advertising(2) .....	1,255	136,737	19,027	2,101,633	967	88,909	11,865	1,898,582
Aerial application & distribution(3) ..	123	15,946	3,492	680,229	14	1,479	96	25,282
Aerial control .....	-	-	2,783	774,296	5	551	1,654	192,796
Aerial construction .....	-	-	-	-	113	28,167	286	78,624
Air ambulance and mercy services ...	8	900	70	8,326	-	-	13	2,573
Aircraft rental .....	2,020	41,458	21,532	454,935	101	9,294	1,044	72,353
Non-transportation charter .....	184	12,801	2,683	500,508	324	60,934	1,247	154,697
Totals .....	15,961	589,515	188,376	8,250,389	1,789	221,514	24,933	3,516,414

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 20	...	13	...	33	...
Helicopters - Owned .....	" 212	226	35	38	247	264
Leased .....	" 27	28	3	1	30	29
Totals .....	" 239	254	38	39	277	293
Revenue hours flown - Unit toll .....	" -	-	-	1	-	1
Bulk .....	" 9,115	97,714	769	5,511	9,884	103,225
Specialty .....	" 1,089	19,347	700	5,586	1,789	24,933
Totals .....	" 10,204	117,061	1,469	11,098	11,673	128,159
Non-revenue hours flown .....	" 563	5,760	62	507	625	6,267
Fuel and oil consumed:						
Gasoline .....	gal. 227,146	2,547,174	22,085	171,161	249,231	2,718,335
Cost .....	\$ 99,475	1,169,633	10,112	80,467	109,587	1,250,100
Oil .....	gal. 2,427	36,254	298	2,832	2,725	39,086
Cost .....	\$ 5,292	70,373	541	5,249	5,833	75,622
Average number of employees:						
Pilots .....	No. 241	246	22	19	263	265
Administrative .....	" 129	124	1	1	130	125
Maintenance labour .....	" 247	250	17	13	264	263
Other personnel .....	" 22	24	-	-	22	24
Totals .....	" 639	644	40	33	679	677
Salaries and wages:						
Pilots .....	\$ 230,649	2,250,442	17,466	155,241	248,115	2,405,683
Administrative .....	\$ 95,600	851,154	800	5,900	96,400	857,054
Maintenance labour .....	\$ 160,485	1,554,800	9,734	73,757	170,219	1,628,557
Other personnel .....	\$ 18,441	117,316	-	-	18,441	117,316
Totals .....	\$ 505,175	4,773,712	28,000	234,898	533,175	5,008,610

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
October 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,432,520	13,999,288
Total transportation .....	1,432,520	13,999,288
Other flying services .....	113,961	2,949,606
Total flying services .....	1,546,481	16,948,894
Non-flying services .....	38,476	461,242
Total operating revenues .....	1,584,957	17,410,136
Operating expenses:		
Flying operations .....	791,633	6,426,817
Maintenance .....	569,074	5,355,494
General service and administration .....	178,908	1,865,644
Depreciation and amortization .....	142,550	1,474,647
Total operating expenses .....	1,682,165	15,122,602
Operating income (deficit) .....	Dr. 97,208	2,287,534
Non-operating income:		
Capital gains and losses .....	47,397	147,077
Interest and discounts .....	926	3,557
Miscellaneous non-operating income .....	Dr. 813	25,264
Income before interest expense .....	Dr. 49,698	2,463,432
Interest expense .....	47,155	407,847
Income before income taxes .....	Dr. 96,853	2,055,585
Provision for income taxes .....	10,518	160,514
Net income after income taxes .....	Dr. 107,371	1,895,071

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

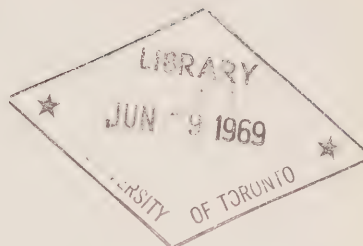
<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
Passenger Load-Factor:	- See Load Factor, Passenger.
Passenger-Mile:	The transportation of one passenger one mile.
Non-Revenue Passenger:	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
Revenue Passenger:	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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# CIVIL AVIATION

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

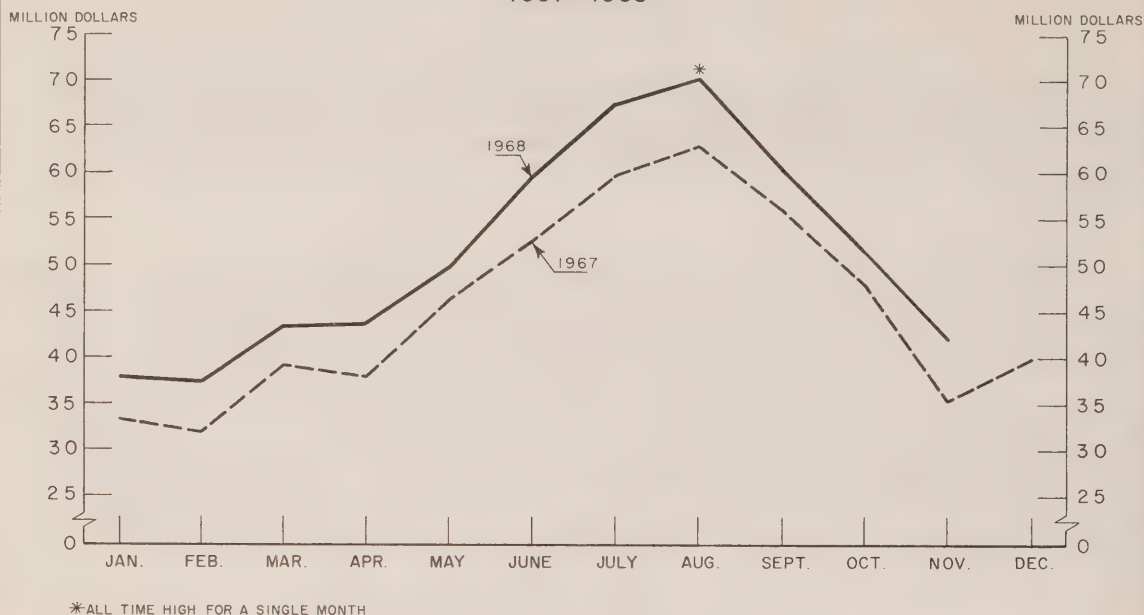
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

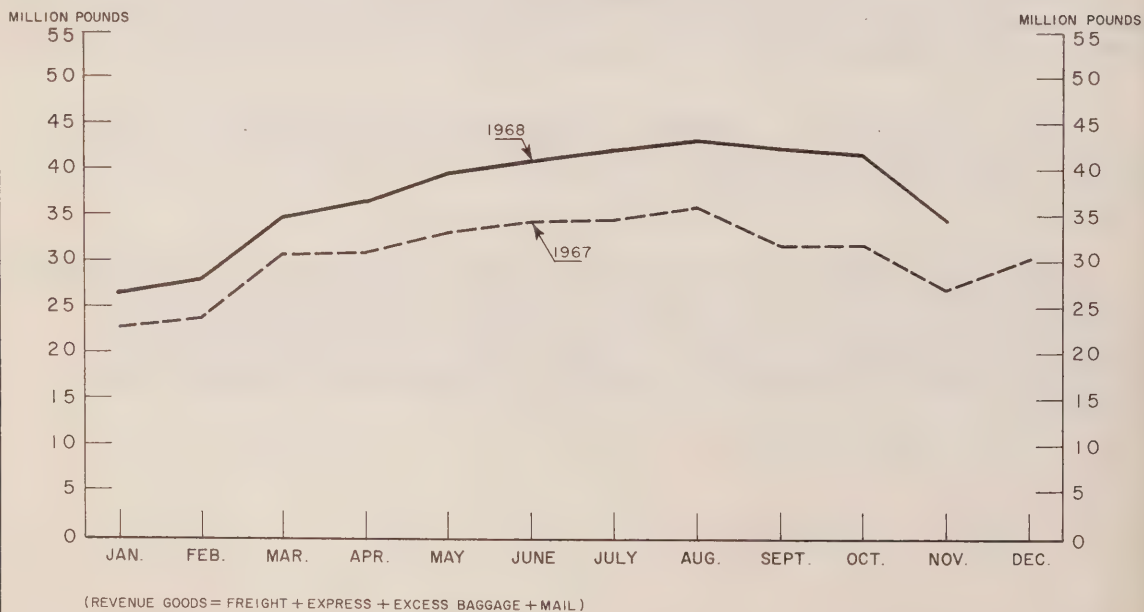
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



REVIEW OF NOVEMBER OPERATIONS  
CANADIAN CARRIERS GROUPS I-IV AND FOREIGN CARRIERS

(November 1967 figures in brackets)

November operations of Canadian carriers showed increased passenger and freight traffic, compared to November 1967. The number of passengers carried on revenue services increased by 10.0 per cent to 648,460 (589,511) and the weight of goods carried increased by 28.0 per cent to 17,230 (13,463) tons. Revenue passenger-miles were up by 14.5 per cent to 503,999,780 (440,199,226) while goods ton-miles were higher by 45.2 per cent at 24,155,882 (16,633,206). These gains in traffic carried were obtained with an increase of only 9.8 per cent in the number of miles flown, 12,157,644 (11,072,441).

Operating revenues earned during November 1968 increased by 19.3 per cent to \$42,153,646 (\$35,342,776) but were less than operating expenses which rose by 11.0 per cent to \$46,934,349 (\$42,265,388). Operating income of Dr. \$4,780,703 (Dr. \$6,922,612) was 31.0 per cent greater than in the same month of 1967. Net income after taxes improved by 7.2 per cent, thus reducing the deficit for the month to Dr. \$4,977,538 (Dr. \$5,310,523).

The 20 (16) carriers operating helicopters exclusively flew 6,143 (6,421) revenue hours using 231 (162) helicopters. Their operating revenues totalled \$921,920 (\$849,367) while operating expenses amounted to \$1,132,816 (\$1,096,462). Eleven (10) carriers operating fixed-wing aircraft as well as helicopters reported 1,512 (853) revenue hours using 43 (46) helicopters.

The six scheduled Canadian carriers transported 608,286 (553,888) passengers and 14,462 (11,098) tons of goods. These amounts represented 93.8 (94.0) per cent of the passengers and 83.9 (82.4) per cent of the goods carried by all Canadian carriers, non-scheduled as well as scheduled.

The scheduled carriers reported operating revenues of \$38,377,887 (\$31,985,492) and operating expenses of \$41,415,099 (\$37,569,160). These amounts accounted for 91.0 (90.5) per cent of the revenues and 88.2 (88.9) per cent of the expenses for all Canadian carriers.

On international unit toll services Canadian carriers transported 148,860 (138,812) passengers while performing 204,356,891 (181,954,992) passenger-miles. These international operations were responsible for 24.3 (28.5) per cent of the number of revenue passengers and 42.4 (44.3) per cent of the passenger-miles performed in unit toll operations. The following table shows the various areas of international service and the share of passenger-miles accounted for by each:

<u>Area</u>	<u>Percentage of International Passenger-Miles</u>
Transborder .....	20.3
Trans-Atlantic and Polar .....	36.0
Southern .....	29.1
Pacific and Orient .....	14.6
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 169,635 (154,910) passengers and 4,180 (3,034) tons of goods on revenue services. These figures showed increases of 9.5 per cent in passenger traffic and 37.8 per cent in goods traffic over the month of November in 1967.

Cumulative Data, Year-to-Date

During the first eleven months of 1968 Canadian air carriers transported 8,560,802 (8,281,974) passengers or 3.4 per cent more than in the same period of 1967 while the weight of revenue goods carried was 21.6 per cent greater at 204,390 (168,126) tons. In carrying this additional traffic carriers flew 166,721,498 (148,944,942) miles or 11.9 per cent further than in the January-November period of the year before. Operating revenues for the eleven months increased by 11.9 per cent to \$562,549,571 (\$502,678,824) and operating expenses increased by 12.9 per cent to \$530,768,125 (\$470,253,277). As a result operating income decreased to \$31,781,446 (\$32,425,547) and net income after taxes fell to \$9,135,747 (\$15,277,241).

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

November 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
	Scheduled carriers Group I and II(1)	Group III(1)	Group IV				Total			
Number of carriers reporting ...	6	29	81	110	116	11	11	11	138	...
Revenue transportation services:										
Unit toll:										
Departures .....	22,806	3,200	3,605	6,805	29,611	..	..	..	..	..
Hours flown .....	31,923	1,959	2,152	4,111	36,034	640	1,309	37,983	486,983	..
Miles scheduled .....	9,502,449	...	...	...	9,502,449	214,352	529,166	10,245,967	126,470,466	..
Miles flown:										
Scheduled .....	9,618,046	...	...	...	9,618,046	206,226	532,332	10,356,604	127,890,494	..
Non-scheduled .....	229,962	281,888	283,131	565,019	794,981	-	-	794,981	9,756,124	..
Totals .....	9,848,008	281,888	283,131	565,019	10,413,027	206,226	532,332	11,151,585	137,646,618	..
Passengers carried .....	597,970	6,312	8,005	14,317	612,287	143,252	25,639	781,178	10,060,447	..
Goods carried:										
Cargo .....	21,463,546	533,953	149,318	683,271	22,146,817	3,159,580	4,258,211	29,735,914	284,922,304	..
Excess baggage .....	128,768	23,045	19,493	42,538	171,306	734,102	207,568	6,727,737	59,328,425	..
Mail .....	5,436,738	220,279	129,050	349,329	5,786,067	3,893,682	4,465,779	36,463,651	344,250,729	..
Totals .....	27,029,052	777,277	297,861	1,075,138	28,104,190	6,356,141	19,690,187	507,740,694	7,418,460,156	..
Passenger-miles .....	479,269,933	1,291,752	1,132,681	2,424,433	481,694,366	6,356,141	19,690,187	507,740,694	7,418,460,156	..
Goods ton-miles:										
Cargo .....	19,245,126	182,915	38,455	221,370	19,466,496	80,554	1,452,213	21,070,884	178,916,737	..
Excess baggage .....	65,633	4,117	1,871	5,988	71,621	17,152	86,890	3,147,552	28,318,209	..
Mail .....	2,974,497	53,510	15,503	69,013	3,043,510	97,706	1,539,103	24,218,436	207,234,946	..
Totals .....	22,283,256	240,542	55,829	296,371	22,581,627	97,706	1,539,103	24,218,436	207,234,946	..
Bulk:										
Departures .....	769	4,633	9,026	13,659	14,428	..	..	..	..	..
Hours flown .....	1,550	7,945	8,161	16,106	17,656	1	4	17,661	394,009	..
Miles flown .....	376,151	579,324	789,142	1,368,466	1,744,617	132	2,040	1,746,789	39,491,464	..
Passengers carried .....	10,316	12,296	13,561	25,857	36,173	150	594	36,917	866,075	..
Freight carried .....	1,895,696	3,305,631	1,154,818	4,460,449	6,356,145	-	-	6,356,145	144,019,746	..
Passenger-miles(6) .....	16,247,888	5,708,756	348,770	6,057,526	22,305,414	..	..	..	..	..
Goods ton-miles(6) .....	1,112,950	453,201	8,104	461,305	1,574,255	..	..	..	..	..
Revenue non-transportation services:										
Specialty flying - Hours flown "	250	5,266	8,865	14,131	14,381	-	-	14,381	14,381	227,690

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

November 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Scheduled carriers	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	23,575	7,833	12,631	20,464	44,039					
Hours flown .....	33,723	15,170	19,178	34,348	68,071		641	1,313	70,025	1,108,682
Miles flown .....	10,224,159	861,212	1,072,273	1,933,485	12,157,644		206,358	534,372	12,898,374	177,138,082
Passengers carried .....	608,286	18,608	21,566	40,174	648,460		143,402	26,223	818,095	10,926,522
Cargo carried .....	23,359,242	1,304,136	5,143,720	5,143,720	28,674,268(8)		3,159,580	4,258,121	36,092,059	428,942,050
Goods carried .....	28,924,748	4,082,908	1,452,679	5,535,587	34,460,335		3,893,682	4,465,779	42,819,796	488,270,475
Passenger-miles(6) .....	495,517,821	7,000,508	1,481,451	8,481,959	503,999,780					
Goods ton-miles(6) .....	23,398,206	693,743	63,933	757,676	24,155,882					
Non-revenue:										
Hours flown .....	1,162	776	684	1,460	2,622		4	-	2,626	39,509
Passengers carried .....	5,642	156	50	206	5,848		3,408	1,073	10,329	100,263
Goods carried .....	224,318	70,447	23,637	94,084	318,402		55,324	89,432	463,158	5,068,608
Passenger-miles .....	40,087,995	106,751	12,772	119,523	40,207,518		1,74,202	827,404	41,209,124	688,654,448
Goods ton-miles .....	656,087	41,422	1,797	43,219	699,306		1,563	35,086	735,955	9,677,427
Fuel and oil consumed:										
Turbo fuel - Quantity .....	27,758,777	159,374	41,267	200,641	27,959,418		1,153,594	3,744,616	32,857,628	403,528,797
Cost .....	4,066,988	40,494	12,363	52,857	4,119,845		89,177	583,384	4,792,406	58,800,873
Gasoline - Quantity .....	1,023,637	531,968	322,005	853,973	1,877,610			607	1,878,217	28,036,669
Cost .....	308,735	226,545	142,227	368,772	677,507			170	677,677	11,150,380
Turbo oil - Quantity .....	5,490	29	12	41	5,531		104	215	5,850	84,893
Cost .....	45,720	234	173	407	46,127		822	2,086	49,035	652,644
Other oil - Quantity .....	9,926	9,734	4,892	14,626	24,552				24,552	374,689
Cost .....	11,312	15,457	8,478	23,935	35,247				35,247	553,082
Average number of employees:										
Pilots and co-pilots .....	1,818	542	535	1,077	2,895					
Other flight personnel .....	2,093	121	40	161	2,254					
General management .....	421	199	163	362	783					
Maintenance labour .....	4,925	545	478	1,023	5,948					
Aircraft & traffic servicing .....	7,902	207	91	298	8,200					
Other personnel .....	5,993	327	299	626	6,619					
Totals .....	23,152	1,941	1,606	3,547	26,699		658	726	28,083	27,993
Salaries and wages paid:										
Pilots and co-pilots .....	2,412,661	453,378	352,326	805,704	3,218,365					
Other flight personnel .....	54,823	19,734	74,557	1,225,353						
General management .....	533,878	169,808	110,415	280,223	814,101					
Maintenance labour .....	3,161,831	323,236	253,917	577,153	3,738,984					
Aircraft & traffic servicing .....	4,766,749	75,497	38,334	113,831	4,880,580					
Other personnel .....	3,868,951	134,866	133,754	268,620	4,137,571					
Totals .....	15,894,866	1,211,608	908,480	2,120,088	18,014,954		452,777	447,020	18,914,751	224,292,628

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

November 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)	Total	Group III (1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers .....	27,765,424	1,619,029	29,384,453	185,982	152,491	338,473	29,722,926	405,363,270
Express .....	774,793	41,046	815,839	3,748	4,412	8,160	823,999	8,611,519
Freight .....	3,842,517	257,044	4,099,561	120,123	17,837	137,960	4,237,521	36,243,317
Excess baggage .....	156,771	25,820	182,591	5,662	3,067	8,729	191,320	2,463,014
Mail .....	1,919,530	165,768	2,085,298	73,727	30,804	104,531	2,189,829	21,099,915
Total unit toll transportation ..	34,459,035	2,108,707	36,567,742	389,242	208,611	597,853	37,165,595	473,781,035
Bulk transportation:								
Total transportation .....	658,699	442,408	1,101,107	1,418,839	902,935	2,321,774	3,422,881	66,688,233
Other flying services .....	35,117,734	2,551,115	37,668,849	1,808,081	1,111,546	2,919,627	40,588,476	540,469,268
Total flying services .....	6,306	69,509	75,815	299,503	276,175	575,678	651,493	12,823,265
Total flying revenues .....	35,124,040	2,620,624	37,744,664	2,107,584	1,387,721	3,495,305	41,239,969	553,292,533
Non-flying services .....	549,738	83,485	633,223	164,297	116,157	280,454	913,677	9,257,038
Total operating revenues .....	35,673,778	2,704,109	38,377,887	2,271,881	1,503,878	3,775,759	42,153,646	562,549,571
Operating expenses:								
Flying operations .....	9,517,253	1,207,297	10,724,550	1,328,947	876,866	2,205,813	12,930,363	150,283,529
Maintenance .....	6,677,646	866,695	7,544,341	976,419	525,984	1,502,403	9,046,744	105,296,975
General services and administration:								
Passenger service .....	3,486,179	189,454	3,675,633	..	..	..	..	..
Aircraft and traffic servicing .....	6,260,788	427,273	6,688,061	..	..	..	..	..
Promotion and sales .....	6,168,034	235,988	6,404,022	..	..	..	..	..
General administration .....	1,712,129	219,040	1,931,169	..	..	..	..	..
Totals .....	17,627,130	1,071,755	18,698,885	698,423	517,325	1,215,768	19,914,633	224,323,458
Depreciation and amortization .....	4,259,467	187,856	4,447,323	322,394	272,892	595,286	5,042,609	50,864,163
Total operating expenses .....	38,081,496	3,333,603	41,415,099	3,326,183	2,193,067	5,519,250	46,934,349	530,768,125
Operating income (loss) .....	Dr. 2,407,718	Dr. 629,494	Dr. 3,037,212	Dr. 1,054,302	Dr. 689,189	Dr. 1,743,491	Dr. 4,780,703	31,781,446
Non-operating income - Net:								
Capital gains and losses .....	-	Dr. 4,778	Dr. 4,778	34,709	30,290	64,999	60,221	933,743
Interest and discounts .....	605,227	9,371	614,598	34,016	185	34,201	648,799	6,658,118
Miscellaneous non-operating income ..	46,488	Dr. 974	Dr. 45,514	Dr. 3,776	Dr. 4,611	Dr. 8,387	37,127	720,631
Income before interest expense .....	Dr. 1,756,003	Dr. 625,875	Dr. 2,381,878	Dr. 989,353	Dr. 663,325	Dr. 1,652,678	Dr. 4,034,556	40,093,938
Interest expense .....	1,934,802	126,016	2,060,818	151,125	72,687	223,812	2,284,630	24,035,539
Income before income taxes .....	Dr. 3,690,805	Dr. 751,891	Dr. 4,442,696	Dr. 1,140,478	Dr. 736,012	Dr. 1,876,490	Dr. 6,319,186	16,058,399
Provision for income taxes .....	Cr. 1,360,000	-	Cr. 1,360,000	2,515	15,837	18,352	Cr. 1,341,648	6,922,652
Net income after income taxes .....	Dr. 2,330,805	Dr. 751,891	Dr. 3,082,696	Dr. 1,142,993	Dr. 751,849	Dr. 1,894,842	Dr. 4,977,538	9,135,747

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

November 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	21,755,809	6,009,615	254,836	646,934	429,075	288,184	29,384,453	400,087,688
Express .....	718,690	56,103	6,484	25,385	-	9,177	815,839	8,489,111
Freight .....	2,943,782	898,735	74,086	92,233	68,528	22,197	4,099,561	34,240,247
Excess baggage .....	109,826	46,945	5,808	10,303	8,706	1,003	182,591	2,320,316
Mail .....	1,382,421	537,109	62,229	67,248	1,804	34,487	2,085,298	19,944,835
Total unit toll transportation ..	26,910,528	7,548,507	403,443	842,103	508,113	355,048	36,567,442	465,082,197
Bulk transportation .....	641,028	17,671	81,678	266,816	415	93,499	1,101,107	14,396,718
Total transportation .....	27,551,556	7,566,178	485,121	1,108,919	508,528	448,547	37,668,849	479,478,915
Other flying services .....	6,306	-	69,509	-	-	-	75,815	1,034,152
Total flying services .....	27,557,862	7,566,178	554,630	1,108,919	508,528	448,547	37,744,664	480,513,067
Non-flying services .....	348,636	201,102	77,214	5,199	5,199	1,072	633,223	5,533,702
Total operating revenues .....	27,906,498	7,767,280	631,844	1,108,919	513,727	449,619	38,377,887	486,046,769
Operating expenses:								
Flying operations .....	6,808,060	2,709,193	212,574	378,462	419,469	196,792	10,724,550	118,404,811
Maintenance .....	5,707,851	969,795	235,142	254,100	174,726	202,727	7,544,341	85,904,211
General services and administration:								
Passenger service .....	2,592,986	893,193	37,217	83,807	21,842	46,588	3,675,633	45,485,372
Aircraft and traffic servicing .....	5,063,725	1,197,063	133,401	166,671	45,914	81,287	6,688,061	68,897,085
Promotion and sales .....	4,394,580	1,773,454	43,168	51,631	96,623	44,566	6,404,022	74,668,506
General administration .....	1,506,152	405,977	49,774	110,930	68,309	9,973	1,931,169	21,427,304
Totals .....	13,357,443	4,269,687	263,560	413,039	232,688	162,468	18,698,885	210,468,267
Depreciation and amortization .....	4,084,485	174,982	60,553	119,452	51,533	59,384	4,447,323	44,664,050
Total operating expenses .....	29,957,839	8,123,657	771,829	1,165,053	775,350	621,371	41,415,099	459,441,339
Operating income (loss) .....	Dr. 2,051,341	Dr. 356,377	Dr. 139,985	Dr. 56,134	Dr. 261,623	Dr. 171,752	Dr. 3,037,212	26,605,430
Non-operating income - Net:								
Capital gains and losses .....	-	-	Dr. 470	Dr. 4,308	-	-	Dr. 4,778	193,988
Interest and discounts .....	574,296	30,931	63	9,308	-	-	614,598	6,342,922
Miscellaneous non-operating income ..	49,113	2,625	-	23	27	1,024	45,514	399,506
Income before interest expense .....	Dr. 1,427,932	Dr. 328,071	Dr. 140,392	Dr. 51,111	Dr. 261,596	Dr. 172,776	Dr. 2,381,878	33,541,846
Interest expense .....	1,639,802	295,000	43,899	77,026	Cr. 23,710	28,801	2,060,818	21,792,099
Income before income taxes .....	Dr. 3,067,734	Dr. 623,071	Dr. 184,291	Dr. 128,137	Dr. 237,886	Dr. 201,577	Dr. 4,442,696	11,749,747
Provision for income taxes .....	Cr. 1,540,000	180,000	-	-	-	-	Cr. 1,360,000	6,481,000
Net income after income taxes .....	Dr. 1,527,734	Dr. 803,071	Dr. 184,291	Dr. 128,137	Dr. 237,886	Dr. 201,577	Dr. 3,082,696	5,268,747

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

November 1968

	Group I carriers				Group II carriers(1)				Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures .....	15,200	2,398	17,598	895	1,330	1,943	1,040	5,208	22,806
Hours flown .....	21,879	4,928	26,807	1,002	1,397	1,529	1,188	5,116	31,923
Miles scheduled .....	7,015,627	1,827,252	8,842,879	37,065	255,704	201,055	165,746	659,570	9,502,449
Miles flown:									
Scheduled - Regular .....	6,846,055	1,788,398	8,634,453	33,772	250,339	180,400	164,073	628,584	9,263,037
Extra sections .....	288,721	37,344	326,065	2,234	25,395	-	1,315	28,944	355,009
Non-scheduled .....	-	-	-	125,812	-	54,752	49,398	229,962	229,962
Totals .....	7,134,776	1,825,742	8,960,518	161,818	275,734	235,152	214,786	887,490	9,848,008
Ratio of regular miles flown to miles scheduled .....	97.6	97.9	97.6	91.1	97.9	89.7	99.0	95.3	97.5
Passengers carried .....	465,235	72,274	537,509	6,935	29,575	13,903	10,048	60,461	597,970
Goods carried:									
Freight .....	15,263,518	2,462,911	17,726,429	609,941	670,807	319,666	217,289	1,817,703	19,544,132
Express .....	1,637,219	164,059	1,801,278	16,528	71,656	-	29,952	118,136	1,919,414
Excess baggage .....	-	25,193	25,193	17,595	50,052	35,928	-	103,575	128,768
Mail .....	4,363,124	433,184	4,796,308	275,584	233,472	59,228	72,146	640,430	5,436,738
Totals .....	21,263,861	3,085,347	24,349,208	919,648	1,025,987	414,822	319,387	2,679,844	27,029,052
Passenger-miles:									
Scheduled .....	356,072,813	105,989,330	462,062,143	381,090	7,280,582	3,532,574	2,833,784	14,028,030	476,090,173
Non-scheduled .....	-	-	2,220,494	-	-	528,654	430,612	3,179,760	3,179,760
Totals .....	356,072,813	105,989,330	462,062,143	2,601,584	7,280,582	4,061,228	3,264,396	17,207,790	479,269,933
Available seat-miles on scheduled services .....	710,914,148	249,697,330	960,611,478	1,306,097	16,239,223	5,965,724	7,547,543	31,058,587	991,670,065
Passenger load factor on scheduled services .....	50.1	42.4	48.1	29.2	44.8	59.2	37.5	45.2	48.0
Goods ton-miles:									
Freight - Scheduled .....	14,171,839	3,790,378	17,962,217	6,553	213,792	51,762	36,309	308,416	18,270,633
Non-scheduled .....	-	-	-	154,288	-	15,510	12,469	182,267	182,267
Totals .....	14,171,839	3,790,378	17,962,217	160,841	213,792	67,272	48,778	490,683	18,452,900
Express - Scheduled .....	691,042	70,519	761,561	647	22,128	-	5,274	28,049	789,610
Non-scheduled .....	-	-	-	2,080	-	-	536	2,616	2,616
Totals .....	691,042	70,519	761,561	2,727	22,128	-	5,810	30,665	792,226

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

November 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	No.	43,553	43,553	494	10,162	5,225	-	15,881	59,434
Non-scheduled .....	"	-	-	4,370	-	1,829	-	6,199	6,199
Totals .....	"	43,553	43,553	4,864	10,162	7,054	-	22,080	65,633
Mail - Scheduled .....	"	2,333,048	2,825,730	8,330	72,520	7,356	7,795	96,001	2,921,731
Non-scheduled .....	"	-	-	45,882	-	1,925	4,959	52,766	52,766
Totals .....	"	2,333,048	2,825,730	54,212	72,520	9,281	12,754	148,767	2,974,497
Total - Scheduled .....	"	4,397,132	21,593,061	16,024	318,602	64,343	49,378	448,347	22,041,408
Non-scheduled .....	"	-	-	206,620	-	19,264	17,964	243,848	243,848
Totals .....	"	4,397,132	21,593,061	222,644	318,602	83,607	67,342	692,195	22,285,256
Available ton-miles on scheduled services .....	"	116,387,884	35,819,187	161,157	2,170,620	596,393	809,049	3,737,219	155,944,290
Weight load factor on scheduled services(3) .....	45.4	41.9	44.5	33.6	48.2	70.0	41.1	49.5	44.7
Bulk:									
Departures .....	No.	199	203	463	43	7	53	566	769
Hours flown .....	"	515	527	560	228	5	230	1,023	1,550
Miles flown .....	"	193,869	198,997	61,540	70,309	226	45,079	177,154	376,151
Passengers carried .....	"	5,832	6,152	1,532	1,981	37	614	4,164	10,316
Freight carried .....	lb.	198,074	198,074	121,012	1,336,431	-	240,179	1,697,622	1,895,696
Passenger-miles(4) .....	No.	12,487,179	12,862,013	217,192	2,268,891	2,248	897,544	3,385,875	16,247,888
Goods ton-miles(4) .....	"	484,410	484,410	38,333	450,088	-	140,119	628,540	1,112,950
Revenue non-transportation services:									
Specialty flying - Hours flown .....	24	-	24	226	-	-	-	226	250
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	"	15,399	17,801	1,358	1,373	1,950	1,093	5,774	23,575
Hours flown .....	"	22,418	27,358	1,788	1,625	1,534	1,418	6,365	33,723
Miles flown .....	"	7,328,645	9,159,515	223,358	346,043	235,378	259,865	1,064,644	10,224,159
Passengers carried .....	"	471,067	543,661	8,467	31,556	13,940	10,662	64,625	608,286
Cargo carried .....	lb.	17,098,811	19,725,781	767,681	2,078,894	319,666	487,420	3,633,461	23,359,242
Goods carried .....	"	21,661,935	24,547,282	1,040,660	2,362,418	414,822	559,566	4,377,466	28,924,748
Passenger-miles(4) .....	No.	368,559,992	474,928,156	2,818,776	9,549,473	4,063,476	4,161,940	20,593,665	495,351,821
Goods ton-miles(4) .....	"	17,680,339	22,077,471	280,977	768,690	83,607	207,461	1,320,735	23,398,206

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

November 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:									
Hours flown ..... No.	461	306	767	153	139	43	60	395	1,162
Passengers carried ..... "	..	4,392	4,392	288	490	149	323	1,250	5,642
Goods carried ..... lb.	..	133,284	133,284	49,636	26,372	-	15,026	91,034	224,318
Passenger-miles ..... No.	29,465,355	10,088,284	39,553,639	97,841	188,864	42,729	204,922	534,356	40,087,995
Goods ton-miles ..... "	461,264	165,623	626,887	17,857	7,757	-	3,586	29,200	656,087
Fuel and oil consumed:									
Turbo fuel - Quantity ..... gal.	21,042,628	5,612,370	26,654,998	125,867	341,732	440,195	195,985	1,103,779	27,758,777
Cost ..... \$	2,942,618	885,712	3,828,330	27,691	73,978	92,441	44,348	238,658	4,066,988
Gasoline - Quantity ..... gal.	-	519,944	519,944	119,154	253,848	-	130,691	503,693	1,023,637
Cost ..... \$	-	153,374	153,374	40,710	92,326	Dr.	50,421	155,361	308,735
Turbo oil - Quantity ..... gal.	3,494	481	3,975	68	208	1,233	6	1,515	5,490
Cost ..... \$	31,779	4,745	36,524	1,020	3,800	4,316	60	9,196	45,720
Other oil - Quantity ..... gal.	-	4,190	4,190	1,831	2,845	226	834	5,736	9,926
Cost ..... \$	-	4,182	4,182	2,289	3,558	181	1,102	7,130	11,312
Average number of employees:									
Pilots and co-pilots ..... No.	1,157	374	1,531	68	106	60	53	287	1,818
Other flight personnel ....	1,465	456	1,921	25	84	21	42	172	2,093
General management ..... "	95	117	212	22	109	58	20	209	421
Maintenance labour ..... "	3,505	756	4,261	221	207	122	114	664	4,925
Aircraft and traffic servicing .....	5,703	1,688	7,391	120	155	128	108	511	7,902
Other personnel .....	4,762	1,069	5,831	51	42	12	57	162	5,993
Total employees .....	16,687	4,460	21,147	507	703	401	394	2,005	23,152
Salaries and wages:									
Pilots and co-pilots ..... \$	1,671,317	487,185	2,158,502	56,600	90,243	56,840	50,476	254,159	2,412,661
Other flight personnel ....	819,061	282,004	1,101,065	9,232	10,334	7,815	22,350	49,731	1,150,796
General management .....	235,859	131,851	367,710	24,774	70,483	38,401	32,510	166,168	533,878
Maintenance labour .....	2,255,223	482,684	2,737,907	116,539	158,047	66,023	83,315	423,924	3,161,831
Aircraft and traffic servicing .....	3,649,792	865,658	4,515,450	52,518	87,832	68,875	42,074	251,299	4,766,749
Other personnel .....	3,275,520	512,555	3,788,075	22,263	22,020	10,099	26,494	80,875	3,868,951
Total salaries and wages .....	11,906,772	2,761,937	14,668,709	281,926	438,959	248,053	257,219	1,226,157	15,894,866

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

November 1968

- 15 -

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	401,200	59,891	5,203	29,575	13,903	9,831	519,603
Domestic interline .....	64,035	7,139	1,721	-	-	-	78,135
Foreign interline .....	-	5,240	-	-	-	-	-
Totals(2) .....	465,235	72,270	6,924	29,575	13,903	9,831	597,738
<b>Express carried:</b>							
Originated .....	1,637,219	164,059	16,528	71,656	-	29,952	1,919,414
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,637,219	164,059	16,528	71,656	-	29,952	1,919,414
<b>Freight carried:</b>							
Originated .....	15,263,518	1,987,134	609,941	670,807	319,666	167,857	19,018,923
Domestic interline .....	-	43,041	-	-	-	-	43,041
Foreign interline .....	-	74,496	-	-	-	-	74,496
Totals(2) .....	15,263,518	2,104,671	609,941	670,807	319,666	167,857	19,136,460
<b>Excess baggage carried:</b>							
Originated .....	-	25,126	17,595	50,052	35,928	-	128,701(3)
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	25,126	17,595	50,052	35,928	-	128,701(3)
<b>Mail carried:</b>							
Originated .....	4,363,124	420,563	270,977	233,472	59,228	42,747	5,390,111
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,363,124	420,563	270,977	233,472	59,228	42,747	5,390,111

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

November 1968

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures .....	2,298	718	642	147	3,805	13,793	17,598
Hours flown .....	3,502	3,154	1,822	911	9,389	17,418	26,807
Miles scheduled .....	1,058,200	1,483,050	802,911	427,548	3,771,709	5,071,170	8,842,879
Miles flown:							
Scheduled - Regular .....	1,028,397	1,425,284	799,883	427,548	3,681,112	4,953,341	8,634,453
Extra sections .....	8,475	54,898	7,518	33,206	104,097	221,968	326,065
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,036,872	1,480,182	807,401	460,754	3,785,209	5,175,309	8,960,518
Ratio of regular miles flown to miles scheduled .....	97.2	96.1	99.6	100.0	97.6	97.7	97.6
Passengers carried .....	No.	..	..	..	148,860	388,649	537,509
Cargo carried .....	lb.	..	..	..	8,363,840	11,189,060	19,552,900
Mail carried .....	..	..	..	..	721,263	4,075,045	4,796,308
Passenger-miles .....	No.	41,447,508	59,528,094	29,867,394	204,356,891	257,705,252	462,062,143
Available seat-miles on scheduled services	"	108,663,802	116,987,769	73,586,150	480,222,111	480,389,367	960,611,478
Passenger load factor on scheduled services		38.1	40.6	40.6	42.6	53.6	48.1
Goods ton-miles:							
Express .....	54,735	-	-	-	54,735	706,826	761,561
Freight .....	978,211	6,856,459	1,203,828	1,496,611	10,535,109	7,427,108	17,962,217
Excess baggage .....	17	9,992	20,867	11,015	41,891	1,662	43,553
Mail .....	60,605	345,462	253,174	262,265	921,506	1,904,224	2,825,730
Totals .....	1,093,568	7,211,913	1,477,869	1,769,891	11,553,241	10,039,820	21,593,061
Available ton-miles on scheduled service ....	15,332,420	32,368,793	17,228,939	11,468,022	76,398,174	75,808,897	152,207,071
Weight load factor on scheduled services(1)	34.2	45.0	43.1	41.5	41.9	47.2	44.5
Bulk:							
Departures .....	381	60	41	-	482	..	..
Hours flown .....	571	322	158	-	1,051	..	..
Miles flown .....	110,121	147,052	56,694	-	313,867	..	..
Passengers carried .....	2,662	3,555	2,786	-	9,003	..	..
Goods carried .....	214,165	330,823	-	-	544,988	..	..
Passenger-miles(2) .....	1,750,333	11,765,661	4,411,507	-	17,927,501	..	..
Goods ton-miles(2) .....	40,505	693,416	-	-	733,921	..	..
Total:							
Departures .....	2,679	778	683	147	4,287	..	..
Hours flown .....	4,073	3,476	1,980	911	10,440	..	..
Miles flown .....	1,146,993	1,627,234	864,095	460,754	4,099,076	..	..
Passengers carried .....	..	..	..	..	157,863	..	..
Goods carried .....	..	..	..	..	9,630,091	..	..
Passenger-miles(2) .....	43,197,841	85,279,556	63,939,601	29,867,394	222,284,392	..	..
Goods ton-miles(2) .....	1,134,073	7,905,329	1,477,869	1,769,891	12,287,162	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
November 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	124,978	122,197	247,175	17,684	21,904	39,588
Bulk ..... "	715	744	1,459	295	1,245	1,540
Totals ..... "	125,693	122,941	248,634	17,979	23,149	41,128
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,725,443	5,017,515	6,742,958	1,725,592	5,705,482	7,431,074
Bulk ..... "	-	-	-	198,074	-	198,074
Totals ..... "	1,725,443	5,017,515	6,742,958	1,923,666	5,705,482	7,629,148
Mail carried (unit toll) ..... "	213,884	791,062	1,004,946	188,902	196,076	384,978
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	12,941	11,584	24,525	155,603	155,685	311,288
Bulk ..... "	1,259	834	2,093	2,269	2,823	5,092
Totals ..... "	14,200	12,418	26,618	157,872	158,508	316,380
Freight, express and excess baggage carried:						
Unit toll ..... lb.	515,572	605,607	1,121,179	3,966,607	11,328,604	15,295,211
Bulk ..... "	-	-	-	198,074	-	198,074
Totals ..... "	515,572	605,607	1,121,179	4,164,681	11,328,604	15,493,285
Mail carried (unit toll) ..... "	132,535	106,201	238,736	535,321	1,093,339	1,628,660
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	71,686	72,378	144,064	83,917	83,307	167,224
Bulk ..... "	1,974	2,374	4,348	295	449	744
Totals ..... "	73,660	74,752	148,412	84,212	83,756	167,968
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,183,266	5,694,154	7,877,420	1,783,341	5,634,450	7,417,791
Bulk ..... "	198,074	-	198,074	-	-	-
Totals ..... "	2,381,340	5,694,154	8,075,494	1,783,341	5,634,450	7,417,791
Mail carried (unit toll) ..... "	366,082	320,908	686,990	169,239	772,431	941,670

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

November 1968

	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	8,315	175,676	121,999	2,452,314	503	37,755	5,135	385,805
Recreational flying .....	856	20,610	15,940	366,190	100	10,297	1,550	158,012
Aerial photography and survey(1) ...	1,006	104,751	10,246	1,160,432	106	14,199	2,534	595,056
Aerial photography .....	63	3,740	844	56,303	-	-	218	14,885
Aerial inspection, reconnaissance and advertising(2) .....	1,036	79,839	20,063	2,181,472	734	99,391	12,599	1,997,973
Aerial application & distribution(3) ..	20	1,766	3,512	681,995	2	206	98	25,488
Aerial control .....	-	-	2,783	774,296	-	-	1,654	192,796
Aerial construction .....	-	-	-	-	-	-	286	78,624
Air ambulance and mercy services ...	11	970	81	9,296	-	-	13	2,573
Aircraft rental .....	1,323	23,650	22,855	478,585	210	11,673	1,254	84,026
Non-transportation charter .....	78	4,898	2,761	505,406	18	1,741	1,265	156,438
Totals .....	12,708	415,900	201,084	8,666,289	1,673	175,262	26,606	3,691,676

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

November 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 20	...	11	...	31	...
Helicopters - Owned .....	" 210	225	40	38	250	263
Leased .....	" 21	28	3	1	24	29
Totals .....	" 231	253	43	39	274	292
Revenue hours flown - Unit toll .....	" -	-	-	1	-	1
Bulk .....	" 5,127	102,841	855	6,366	5,982	109,207
Specialty .....	" 1,016	20,363	657	6,243	1,673	26,606
Totals .....	" 6,143	123,204	1,512	12,610	7,655	135,814
Non-revenue hours flown .....	" 274	6,034	82	589	356	6,623
Fuel and oil consumed:						
Gasoline .....	gal. 122,334	2,669,508	21,737	192,898	144,071	2,862,406
Cost .....	\$ 56,446	1,226,079	10,060	90,527	66,506	1,316,606
Oil .....	gal. 2,730	38,984	245	3,077	2,975	42,061
Cost .....	\$ 4,598	74,971	390	5,639	4,988	80,610
Average number of employees:						
Pilots .....	No. 207	242	18	19	225	261
Administrative .....	" 129	124	1	1	130	125
Maintenance labour .....	" 232	248	14	13	246	261
Other personnel .....	" 13	23	-	-	13	23
Totals .....	" 581	637	33	33	614	670
Salaries and wages:						
Pilots .....	\$ 187,105	2,437,547	13,941	169,182	201,046	2,606,729
Administrative .....	\$ 96,288	947,442	700	6,600	96,988	954,042
Maintenance labour .....	\$ 149,436	1,704,236	7,883	81,640	157,319	1,785,876
Other personnel .....	\$ 4,781	122,097	-	-	4,781	122,097
Totals .....	\$ 437,610	5,211,322	22,524	257,422	460,134	5,468,744

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
November 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	814,272	14,813,560
Total transportation .....	814,272	14,813,560
Other flying services .....	105,811	3,055,417
Total flying services .....	920,083	17,868,977
Non-flying services .....	1,837	463,079
Total operating revenues .....	921,920	18,332,056
Operating expenses:		
Flying operations .....	486,283	6,913,100
Maintenance .....	328,418	5,683,912
General service and administration .....	192,247	2,057,891
Depreciation and amortization .....	125,868	1,600,515
Total operating expenses .....	1,132,816	16,255,418
Operating income (deficit) .....	Dr. 210,896	2,076,638
Non-operating income:		
Capital gains and losses .....	6,206	153,283
Interest and discounts .....	110	3,667
Miscellaneous non-operating income .....	Dr. 1,551	23,713
Income before interest expense .....	Dr. 206,131	2,257,301
Interest expense .....	46,488	454,335
Income before income taxes .....	Dr. 252,619	1,802,966
Provision for income taxes .....	30,812	191,326
Net income after income taxes .....	Dr. 283,431	1,611,640

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

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- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air: Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

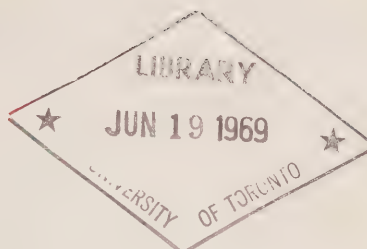
Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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DECEMBER 1968

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## TABLE OF CONTENTS

Page

Introduction .....	5
--------------------	---

### Charts:

Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6

Review and Analysis .....	7
---------------------------	---

### Tables:

1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19

Civil Aviation Definitions .....	20
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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Committee, Canadian Transport Commission and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by reporting foreign carriers.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on the first page of "Civil Aviation Definitions" to be found from page twenty to page twenty-two of this publication. In January 1968, 2 former Group III carriers were transferred to Group IV, and this, coupled with the transfer of carriers between Groups IV & V, has increased the number of reporting Group IV carriers by a total of 9. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

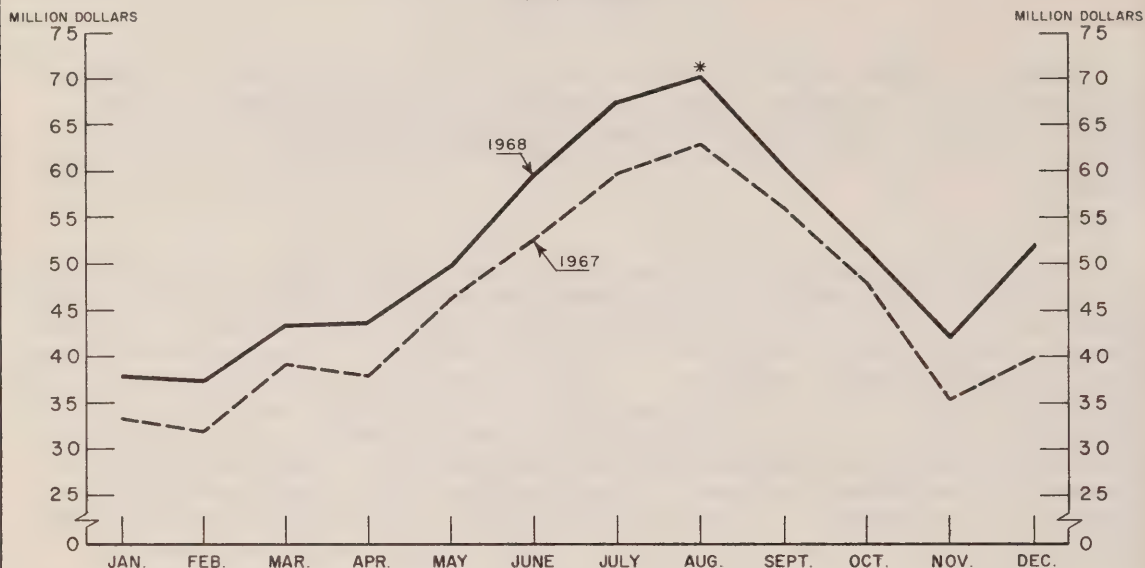
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

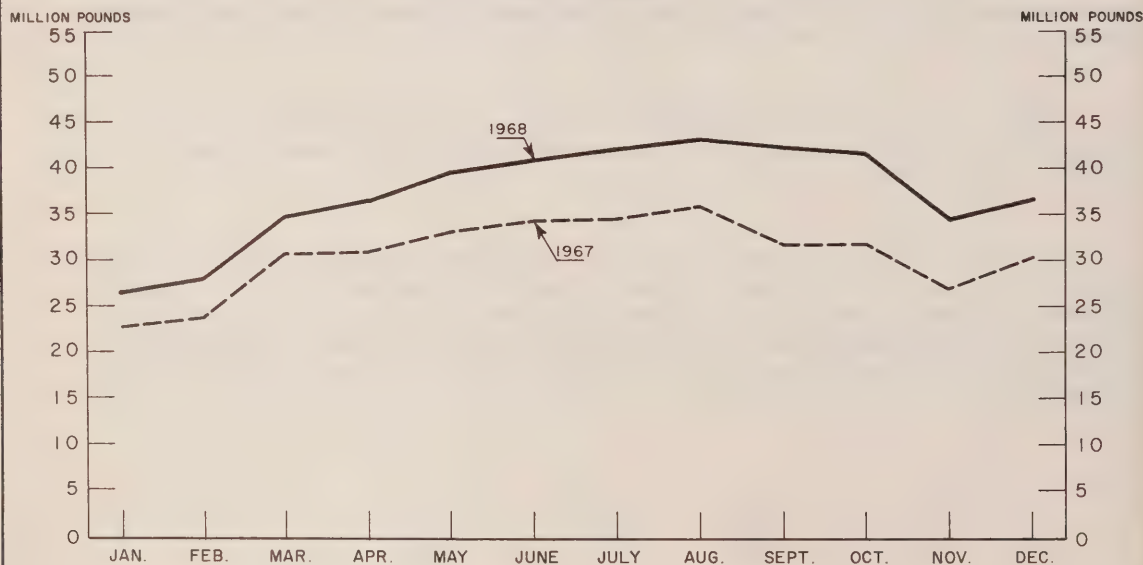
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded. Foreign carriers report only hours and miles flown over Canadian territory. Statistics concerning passengers and goods in transit through Canada have been excluded.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1967-1968



\*ALL TIME HIGH FOR A SINGLE MONTH

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1967-1968



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

REVIEW OF DECEMBER OPERATIONS  
CANADIAN CARRIERS GROUPS I-IV AND FOREIGN CARRIERS

(December 1967 figures in brackets)

Both passenger and cargo operations of Canadian carriers showed increases in December 1968 over the same month of 1967. Passengers were more numerous by 14.8 per cent at 724,589 (631,405) while goods traffic increased by 20.4 per cent to 18,210 (15,131) tons. Passenger-miles grew by 19.4 per cent to 637,354,205 (533,688,716) while goods ton-miles were up by 29.3 per cent to 22,942,122 (17,738,032).

The 21 (16) carriers operating helicopters exclusively flew 4,845 revenue hours using 246 (204) helicopters. Their operating revenues totalled \$798,846 (\$256,946) while operating expenses amounted to \$1,026,711 (\$946,596). Ten carriers operating fixed-wing aircraft as well as helicopters reported 960 (600) revenue hours using 38 (45) helicopters.

The six scheduled carriers transported 678,861 (596,139) revenue passengers or 93.7 (94.4) per cent of the total for all Canadian carriers. The weight of revenue goods carried by the major airlines amounted to 14,826 (12,244) tons or 81.4 (80.9) per cent of the total by weight.

The operating revenues reported by the major carriers for the month of December are unusual when compared to figures for other months because of year-end adjustments made in company accounts. Air Canada revised its estimate of the useful life of turboprop aircraft and as a result depreciation expense in 1968 was reduced by \$5,350,000 thereby producing an improvement in net income after tax of \$2,675,000. Some of the regional air carriers adjusted December monthly reports to include payments received under provisions of the National Transportation Act.

Canadian carriers providing international unit toll services during the month transported 192,376 (171,731) revenue passengers over 278,776,324 (242,817,848) passenger-miles. These operations accounted for 28.1 (29.0) per cent of revenue passengers carried and 46.1 (48.0) per cent of the passenger-miles reported for all unit toll services. By area of service the proportional breakdown of international passenger-miles was as follows:

<u>Area</u>	<u>Percentage of International Passenger-Miles</u>
Transborder .....	18.8
Trans-Atlantic and Polar .....	33.2
Southern .....	34.6
Pacific and Orient .....	13.4
Total .....	100.0

Foreign carriers licensed to operate scheduled services in Canada transported 197,170 (173,558) revenue passengers, an increase of 13.6 per cent, and 4,556 (3,268) tons of goods, an increase of 39.4 per cent over the same month a year earlier.

Cumulative Data, Year-to-Date

Traffic carried during the 12 months of 1968 was greater than the 1967 figures by 4.2 per cent in number of passengers and 21.5 per cent in weight of goods. The number of miles flown increased by 12.0 per cent as long distance travel by air continued to grow in popularity.

The 1968 traffic totals for foreign carriers operating in Canada showed a decrease of 3.7 per cent in the number of passengers but an increase of 30.6 per cent in the weight of goods carried over 1967 figures.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

December 1968

	Canadian carriers					Foreign carriers(2)			Grand total all carriers	Year to date
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)				
	Group I and II(1)	Group III(1)	Group IV				Total			
Number of carriers reporting ...	6	29	84	113	119	11	11	141	...	...
Revenue transportation services:										
Unit toll:										
Departures .....	24,163	3,315	3,747	7,062	31,225	..	..	..	..	..
Hours flown .....	34,767	2,339	2,309	4,648	39,415	627	1,444	41,486	528,469	528,469
Miles scheduled .....	10,279,394	...	...	...	10,279,394	218,583	567,244	11,065,221	137,535,687	137,535,687
Miles flown:(4)										
Scheduled .....	10,671,458	...	...	...	10,671,458	206,982	592,962	11,471,402	139,361,896	139,361,896
Non-scheduled .....	273,291	328,569	323,641	652,210	925,501	-	-	925,501	10,681,625	10,681,625
Totals .....	10,944,749	328,569	323,641	652,210	11,596,959	206,982	592,962	12,396,903	150,043,521	150,043,521
Passengers carried .....	669,080	6,694	8,355	15,049	684,129	165,999	29,969	880,097	10,940,544	10,940,544
Goods carried:										
Cargo .....	21,730,686	650,113	242,219	892,332	22,623,018	2,994,397	4,627,354	30,416,067	315,338,371	315,338,371
Excess baggage(5) .....	122,938	27,000	21,360	48,360	171,298	1,043,490	447,616	8,549,219	67,877,644	67,877,644
Mail .....	6,514,658	373,751	169,704	543,455	7,058,113	4,037,887	5,074,970	38,965,286	383,216,015	383,216,015
Totals .....	28,368,282	1,050,864	433,283	1,484,147	29,852,429	7,444,344	23,887,657	635,882,483	8,054,342,639	8,054,342,639
Passenger-miles .....	601,696,788	1,476,951	1,376,743	2,853,694	604,550,482					
Goods ton-miles:										
Cargo .....	17,502,486	195,044	18,812	213,856	17,716,342	77,696	1,663,732	19,539,506	198,456,243	198,456,243
Excess baggage(5) .....	76,498	4,631	607	5,238	81,736	24,516	191,294	4,082,347	32,400,556	32,400,556
Mail .....	3,768,202	81,507	16,828	98,335	3,866,537	102,212	1,855,026	23,621,853	230,856,799	230,856,799
Totals .....	21,347,186	281,182	36,247	317,429	21,664,615					
Bulk:										
Departures .....	546	5,159	9,277	14,436	14,982	..	..	..	..	..
Hours flown .....	1,486	7,684	8,398	16,082	17,568	2	8	17,578	411,587	411,587
Miles flown .....	400,874	697,350	861,223	1,558,573	1,959,447	599	3,952	1,963,998	41,455,462	41,455,462
Passengers carried .....	9,781	17,271	13,408	30,679	40,460	258	944	41,662	907,737	907,737
Freight carried .....	1,284,259	3,544,011	1,756,986	5,300,997	6,585,256	-	-	6,585,256	150,605,002	150,605,002
Passenger-miles(6) .....	19,191,453	13,139,291	472,979	13,612,270	32,803,723	..	..	..	..	..
Goods ton-miles(6) .....	776,170	458,998	42,339	501,337	1,277,507	..	..	..	..	..
Revenue non-transportation services:										
Specialty flying - Hours flown "	181	3,428	5,993	9,421	9,602	-	-	9,602	237,292	237,292

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

December 1968

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures .....	24,709	8,474	13,024	21,498	46,207					
Hours flown .....	36,434	13,451	16,700	30,151	66,585		629	1,452	68,666	1,177,348
Miles flown .....	11,345,623	1,025,919	1,184,864	2,210,783	13,556,406		207,581	596,914	14,360,901	191,498,983
Passengers carried .....	678,861	23,965	21,763	45,728	724,589		166,257	30,913	921,759	11,848,281
Cargo carried .....	23,014,945	4,194,124	1,999,205	6,193,329	29,319,572(8)		2,994,397	4,627,354	37,001,323	465,943,373
Goods carried .....	29,652,541	4,594,875	2,190,269	6,785,144	36,437,685		4,037,887	5,074,970	45,550,542	533,821,017
Passenger-miles(6) .....	620,888,241	14,616,242	1,849,722	16,465,964	637,354,205					
Goods ton-miles(6) .....	22,123,356	740,180	78,586	818,766	22,942,122					
Non-revenue:										
Hours flown .....	1,349	627	708	1,335	2,684		7	-	2,691	42,200
Passengers carried .....	4,218	261	124	385	4,603		3,084	971	8,558	108,921
Goods carried .....	231,690	38,957	1,170	40,127	271,817		55,612	74,892	402,321	5,470,929
Passenger-miles .....	29,949,727	291,160	14,775	305,935	30,255,662		160,701	707,603	31,123,966	719,778,414
Goods ton-miles .....	763,056	24,809	82	24,891	787,947		1,155	25,531	814,633	10,492,060
Fuel and oil consumed:										
Turbo fuel - Quantity .....	31,103,762	342,361	44,821	387,182	31,490,944		1,417,572	3,901,346	36,809,862	440,338,659
Cost .....	\$ 4,529,769	\$ 77,347	\$ 12,822	\$ 90,169	\$ 4,619,938		\$ 126,447	\$ 624,419	\$ 5,370,804	\$ 64,171,677
Gasoline - Quantity .....	886,454	489,241	307,816	797,057	1,683,511				1,683,511	29,720,180
Cost .....	\$ 318,459	\$ 223,200	\$ 140,718	\$ 363,918	\$ 682,377				682,377	11,832,757
Turbo oil - Quantity .....	5,441	41	14	55	5,496		126	216	5,838	90,731
Cost .....	\$ 44,353	\$ 216	\$ 268	\$ 484	\$ 44,837		952	2,042	47,831	700,475
Other oil - Quantity .....	10,434	7,989	5,189	13,178	23,612				23,612	398,301
Cost .....	\$ 11,866	\$ 12,623	\$ 9,159	\$ 21,782	\$ 33,648				33,648	586,730
Average number of employees:										
Pilots and co-pilots .....	1,814	547	515	1,062	2,876					
Other flight personnel .....	2,057	111	40	151	2,208					
General management .....	418	204	174	378	796					
Maintenance labour .....	4,900	540	484	1,024	5,924					
Aircraft & traffic servicing .....	7,906	205	100	305	8,211					
Other personnel .....	5,994	318	292	610	6,604					
Totals .....	23,089	1,925	1,605	3,530	26,619		658	766	28,063	27,999
Salaries and wages paid:										
Pilots and co-pilots .....	\$ 2,553,683	\$ 466,688	\$ 354,876	\$ 821,564	\$ 3,375,247					
Other flight personnel .....	\$ 1,194,450	\$ 50,072	\$ 18,743	\$ 68,815	\$ 1,263,265					
General management .....	\$ 513,314	\$ 193,284	\$ 133,717	\$ 327,001	\$ 840,315					
Maintenance labour .....	\$ 3,291,616	\$ 357,559	\$ 280,601	\$ 638,160	\$ 3,929,776					
Aircraft & traffic servicing .....	\$ 4,802,161	\$ 73,361	\$ 43,796	\$ 117,157	\$ 4,919,318					
Other personnel .....	\$ 4,109,341	\$ 133,975	\$ 130,554	\$ 264,529	\$ 4,373,870					
Totals .....	\$ 16,464,565	\$ 1,274,939	\$ 962,287	\$ 2,237,226	\$ 18,701,791		402,532	510,564	19,614,887	243,907,515

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth Freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

Note: Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

December 1968

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
		dollars						
Operating revenues:								
Unit toll transportation:								
Passengers .....	35,326,862	1,755,429	37,082,291	208,286	213,074	421,360	37,503,651	442,866,921
Express .....	771,453	44,861	816,314	4,706	4,080	8,786	825,100	9,436,619
Freight .....	3,864,665	263,928	4,128,593	132,383	23,255	155,638	4,284,231	40,527,548
Excess baggage .....	194,405	23,831	218,236	7,134	2,205	9,339	227,575	2,690,589
Mail .....	2,915,601	235,443	3,151,044	113,666	40,469	154,135	3,305,179	24,405,094
Total unit toll transportation ..	43,072,986	2,323,492	45,396,478	466,175	283,083	749,258	46,145,736	519,926,771
Bulk transportation .....	436,589	519,439	956,028	1,442,091	1,017,916	2,460,007	3,416,035	70,104,268
Total transportation .....	43,509,575	2,842,931	46,352,506	1,908,266	1,300,999	3,209,265	49,561,771	590,031,039
Other flying services .....	6,454	72,700	79,154	180,885	253,545	434,230	513,384	13,336,649
Total flying services .....	43,516,029	2,915,631	46,431,660	2,088,951	1,554,544	3,643,495	50,075,155	603,367,688
Non-flying services .....	487,521	655,713 <sup>a</sup>	1,143,234	299,666	15,943	315,609	1,458,843	10,715,881
Total operating revenues .....	44,003,550	3,571,344	47,574,894	2,388,617	1,570,487	3,959,104	51,533,998	614,083,569
Operating expenses:								
Flying operations .....	10,403,693	1,124,560	11,528,253	1,521,300	1,063,324	2,584,624	14,112,877	164,396,406
Maintenance .....	6,368,128	935,634	7,303,762	744,804	874,334	1,619,138	8,922,900	114,219,875
General services and administration:								
Passenger service .....	3,688,740	205,963	3,894,703	..	..	..	..	..
Aircraft and traffic servicing .....	6,159,946	522,429	6,682,375	..	..	..	..	..
Promotion and sales .....	6,783,728	269,001	7,052,729	..	..	..	..	..
General administration .....	2,153,999	271,235	2,425,234	..	..	..	..	..
Totals .....	18,786,413	1,268,628	20,055,041	798,171	626,625	1,424,796	21,479,837	245,803,295
Depreciation and amortization .....	752,565 <sup>a</sup>	293,212	1,045,777	331,723	531,186	862,909	403,556	51,267,719
Total operating expenses .....	34,805,669	3,622,034	38,427,703	3,395,998	3,095,469	6,491,467	44,919,170	575,687,295
Operating income (loss) .....	9,197,881	Dr.	9,147,191	Dr.	1,524,982	2,532,363	6,614,828	38,396,274
Non-operating income - Net:								
Capital gains and losses .....	23,768	Dr.	8,690	Dr.	12,666	8,620	Dr.	933,673
Interest and discounts .....	598,720	9,643	608,363	Dr.	1,041	43,005	567,358	7,225,476
Miscellaneous non-operating income ..	238,738	846,510 <sup>a</sup>	1,085,248	70,733	6,203	76,936	1,162,184	1,882,815
Income before interest expense .....	10,059,107	773,005	10,832,112	Dr.	Dr.	Dr.	8,344,300	48,438,238
Interest expense .....	2,017,221	110,637	2,127,858	Cr.	63,393	24,460	2,152,318	26,187,857
Income before income taxes .....	8,041,886	662,368	8,704,254	Dr.	Dr.	Dr.	6,191,982	22,250,381
Provision for income taxes .....	4,227,600	214,200	4,441,800	188,233	70,066	258,299	4,700,099	11,622,751
Net income after income taxes .....	3,814,286	448,168	4,262,454	Dr.	Dr.	Dr.	1,491,883	10,627,630

(1) Group II non-scheduled carriers included with Group III for purposes of this report. (2) Includes some year end adjustments made by carriers.  
 Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

December 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers .....	28,244,173	7,082,689	310,283	719,383	406,756	319,007	37,082,291	437,169,979
Express .....	703,376	68,077	4,774	30,983	-	9,104	816,314	9,305,425
Freight .....	2,988,399	876,266	71,276	89,396	76,993	26,263	4,128,593	38,368,840
Excess baggage .....	133,150	61,255	6,464	8,295	8,390	682	218,236	2,538,552
Mail .....	2,013,156	902,445	104,278	78,163	29,546	23,456	3,151,044	23,095,879
Total unit toll transportation ..	34,082,254	8,990,732	497,075	926,220	521,685	378,512	45,396,478	510,478,675
Bulk transportation .....	344,864	91,725	83,218	341,879	636	93,706	956,028	15,352,746
Total transportation .....	34,427,118	9,082,457	580,293	1,268,099	522,321	472,218	46,352,506	525,831,421
Other flying services .....	6,454	-	72,700	-	-	-	79,154	1,113,306
Total flying services .....	34,433,572	9,082,457	652,993	1,268,099	522,321	472,218	46,431,660	526,944,727
Non-flying services .....	308,854	178,667	653,552 <sup>m</sup>	-	3,428	5,589	1,143,234	6,676,936
Total operating revenues .....	34,742,426	9,261,124	1,306,545	1,268,099	518,893	477,807	47,574,894	533,621,663
Operating expenses:								
Flying operations .....	7,393,209	3,010,484	250,130	434,550	210,881	228,999	11,528,253	129,933,064
Maintenance .....	5,679,839	688,289	332,849	282,356	117,230	203,199	7,303,762	93,207,973
General services and administration:								
Passenger service .....	2,751,220	937,520	61,357	82,922	18,894	42,790	3,894,703	49,380,075
Aircraft and traffic servicing .....	5,059,235	1,100,711	171,118	192,338	51,309	107,664	6,682,375	75,569,460
Promotion and sales .....	4,820,280	1,963,448	47,579	80,733	92,443	48,246	7,052,729	81,721,235
General administration .....	1,602,375	551,624	52,963	105,350	59,855	53,067	2,423,234	23,652,538
Totals .....	14,233,110	4,553,503	333,017	461,343	222,501	251,767	20,055,041	230,523,308
Depreciation and amortization .....	1,010,704 <sup>m</sup>	238,139	3,537	129,587	86,448	73,640	459,353	44,204,697
Total operating expenses .....	26,295,454	8,510,215	919,533	1,307,836	637,060	757,605	38,427,703	497,869,042
Operating income (loss) .....	8,446,972	750,909	387,012	Dr.	118,167	Dr.	9,147,191	35,752,621
Non-operating income - Net:								
Capital gains and losses .....	-	23,768	10,437	43,961	-	1,066	8,690	185,298
Interest and discounts .....	568,044	30,676	246	9,397	-	-	608,363	6,951,285
Miscellaneous non-operating income ..	268,566	Dr.	47,808	378	798,015 <sup>m</sup>	309	1,085,248	1,484,754
Income before interest expense .....	9,283,582	775,525	445,503	Dr.	679,848	Dr.	10,832,112	44,373,958
Interest expense .....	1,721,514	295,707	39,244	Cr.	87,306	30,851	2,127,858	23,919,957
Income before income taxes .....	7,562,068	479,818	406,259	Dr.	592,542	Dr.	8,704,254	20,454,001
Provision for income taxes .....	3,780,000	447,600	-	214,200	-	-	4,441,800	10,922,800
Net income after income taxes .....	3,782,068	32,218	406,259	Dr.	592,542	Dr.	4,262,454	9,531,201

(1) Includes some year end adjustments made by carriers.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

December 1968

	Group I carriers			Group II carriers(1)				Total	Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.		
Revenue transportation services:									
Unit toll:									
Departures .....	16,061	2,431	18,492	1,066	1,431	2,088	1,086	5,671	24,163
Hours flown .....	24,447	4,983	29,430	1,236	1,311	1,539	1,251	5,337	34,767
Miles scheduled .....	7,605,146	1,949,514	9,554,660	39,440	313,745	202,061	169,488	724,734	10,279,394
Miles flown:									
Scheduled - Regular .....	7,347,232	1,858,371	9,205,603	36,516	286,356	182,991	159,911	665,774	9,871,377
Extra sections .....	703,812	56,927	760,739	5,771	28,595	-	4,976	39,342	800,081
Non-scheduled .....	-	-	-	149,749	-	63,369	60,173	273,291	273,291
Totals .....	8,051,044	1,915,298	9,966,342	192,036	314,951	246,360	225,060	978,407	10,944,749
Ratio of regular miles flown to miles scheduled .....	96.6	95.3	96.3	92.6	91.3	90.6	94.3	91.9	96.0
Passengers carried .....	515,115	87,083	602,198	8,814	32,312	14,518	11,238	66,882	669,080
Goods carried:									
Freight .....	15,929,182	2,325,061	18,254,243	562,956	573,890	250,511	209,833	1,597,190	19,851,433
Express .....	1,602,496	147,350	1,749,846	17,483	81,301	-	30,623	129,407	1,879,253
Excess baggage(2) .....	-	32,226	32,226	20,584	38,367	31,761	-	90,712	122,938
Mail .....	5,101,266	561,710	5,662,976	415,748	268,134	82,269	85,531	851,682	6,514,658
Totals .....	22,632,944	3,066,347	25,699,291	1,016,771	961,692	364,541	325,987	2,668,991	28,368,282
Passenger-miles:									
Scheduled .....	451,679,761	130,246,991	581,926,752	489,851	8,340,552	3,594,403	3,153,779	15,578,585	597,505,337
Non-scheduled .....	-	-	-	2,832,859	-	760,968	597,624	4,191,451	4,191,451
Totals .....	451,679,761	130,246,991	581,926,752	3,322,710	8,340,552	4,355,371	3,751,403	19,770,036	601,696,788
Available seat-miles on scheduled services .....	815,846,700	265,612,841	1,081,459,541	1,617,807	20,985,847	6,027,720	7,583,950	36,215,324	1,117,674,865
Passenger load factor on scheduled services .....	55.4	49.0	53.8	30.3	39.7	59.6	41.6	43.0	53.5
Goods ton-miles:									
Freight - Scheduled .....	12,835,868	3,468,789	16,304,657	7,415	195,264	39,449	27,937	270,065	16,574,722
Non-scheduled .....	-	-	-	136,474	-	10,655	14,863	161,992	161,992
Totals .....	12,835,868	3,468,789	16,304,657	143,889	195,264	50,104	42,800	432,057	16,736,714
Express - Scheduled .....	666,692	65,073	731,765	424	25,530	-	4,879	30,833	762,598
Non-scheduled .....	-	-	-	2,112	-	-	1,062	3,174	3,174
Totals .....	666,692	65,073	731,765	2,536	25,530	-	5,941	34,007	765,772

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

December 1968

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	-	56,358	56,358	381	7,362	6,961	-	14,704	71,062
Non-scheduled .....	-	-	-	5,233	-	203	-	5,436	5,436
Totals .....	-	56,358	56,358	5,614	7,362	7,164	-	20,140	76,498
Mail - Scheduled .....	2,875,806	699,334	3,575,140	9,785	82,537	8,390	8,469	109,181	3,684,321
Non-scheduled .....	-	-	-	75,258	-	2,674	5,949	83,881	83,881
Totals .....	2,875,806	699,334	3,575,140	85,043	82,537	11,064	14,418	193,062	3,768,402
Total - Scheduled .....	16,378,366	4,289,554	20,667,920	18,005	310,693	54,800	41,285	424,783	21,092,703
Non-scheduled .....	-	-	-	219,077	-	13,532	21,874	254,483	254,483
Totals .....	16,378,366	4,289,554	20,667,920	237,082	310,693	68,332	63,159	679,266	21,347,186
Available ton-miles on scheduled services .....	129,966,805	37,660,365	167,627,170	204,370	2,696,546	601,228	867,400	4,369,544	171,996,714
Weight load factor on scheduled services(3) .....	47.4	46.0	47.0	32.8	42.5	68.9	41.1	45.4	47.0
Bulk:									
Departures .....	135	14	149	296	50	2	49	397	546
Hours flown .....	392	74	466	436	333	2	249	1,020	1,486
Miles flown .....	157,503	33,382	190,885	50,608	110,079	316	48,986	209,989	400,874
Passengers carried .....	4,502	1,034	5,536	1,089	2,393	23	740	4,245	9,781
Freight carried .....	82,485	-	82,485	185,287	787,651	-	228,836	1,201,774	1,284,259
Passenger-miles(4) .....	10,167,374	3,516,751	13,684,125	169,035	4,416,071	7,268	914,954	5,507,328	19,191,453
Goods ton-miles(4) .....	47,305	-	47,305	55,900	527,032	-	145,913	728,865	776,170
Revenue non-transportation services:									
Specialty flying - Hours flown .....	19	-	19	162	-	-	-	162	181
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures .....	16,196	2,445	18,641	1,362	1,481	2,090	1,135	6,068	24,709
Hours flown .....	24,858	5,057	29,915	1,834	1,644	1,341	1,500	6,319	36,434
Miles flown .....	8,208,547	1,948,680	10,157,227	242,644	425,030	246,676	274,046	1,188,396	11,345,623
Passengers carried .....	519,617	88,117	607,734	9,903	34,705	14,541	11,978	71,127	678,861
Cargo carried .....	17,614,163	2,472,411	20,086,574	765,726	1,442,842	250,511	469,292	2,928,371	23,014,945
Goods carried .....	22,715,429	3,066,347	25,781,776	1,202,058	1,749,343	364,541	554,823	3,870,765	29,652,541
Passenger-miles(4) .....	461,847,135	133,763,742	595,610,877	3,491,745	12,756,623	4,362,639	4,666,357	25,277,364	620,888,241
Goods ton-miles(4) .....	16,425,671	4,289,554	20,715,225	292,982	837,745	68,332	209,072	1,408,131	22,123,356

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

December 1968

	Group I carriers			Group II carriers(1)						Grand total
	Air Canada	Canadian Pacific Air Lines Ltd.	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total		
Total - All services - Concluded: Traffic, hours and miles - Concluded:(5)										
Non-revenue:										
Hours flown .....	594	328	922	134	181	34	78	427	1,349	
Passengers carried(2) ....	..	2,979	2,979	258	628	150	203	1,239	4,218	
Goods carried(2) .....	..	142,531	142,531	44,303	31,531	-	13,325	89,159	231,690	
Passenger-miles .....	23,303,997	6,192,507	29,496,504	83,573	233,185	52,239	84,226	453,223	29,949,727	
Goods ton-miles .....	449,443	194,125	643,568	15,008	97,655	-	6,825	119,488	763,056	
Fuel and oil consumed:										
Turbo fuel - Quantity .....	23,521,598	6,423,730	29,945,328	136,236	553,613	256,814	211,771	1,158,434	31,103,762	
Cost .....	3,270,733	1,012,706	4,283,439	29,972	116,193	53,931	46,234	246,330	4,329,769	
Gasoline - Quantity .....	-	354,717	354,717	134,943	264,070	-	132,724	531,737	886,454	
Cost .....	-	112,149	112,149	46,127	95,677	Dr.	65,598	206,310	318,459	
Turbo oil - Quantity .....	3,431	458	3,889	68	274	1,204	6	1,552	5,441	
Cost .....	30,910	4,585	35,495	1,020	3,562	4,216	60	8,858	44,353	
Other oil - Quantity .....	-	4,368	4,368	2,079	2,542	366	1,079	6,066	10,434	
Cost .....	-	4,340	4,340	2,599	3,177	293	1,457	7,526	11,866	
Average number of employees:										
Pilots and co-pilots .....	1,148	367	1,515	69	117	60	53	299	1,814	
Other flight personnel .....	1,442	444	1,886	25	84	21	41	171	2,057	
General management .....	97	114	211	22	114	51	20	207	418	
Maintenance labour .....	3,483	750	4,233	224	210	119	114	667	4,900	
Aircraft and traffic servicing .....	5,711	1,674	7,385	121	165	127	108	521	7,906	
Other personnel .....	4,775	1,061	5,836	51	42	11	54	158	5,994	
Total employees .....	16,656	4,410	21,066	512	732	389	390	2,023	23,089	
Salaries and wages:										
Pilots and co-pilots .....	1,751,391	506,433	2,257,824	90,580	108,157	55,186	41,936	295,859	2,553,683	
Other flight personnel .....	847,042	272,947	1,119,989	12,634	34,342	8,224	19,261	74,461	1,194,450	
General management .....	221,106	129,871	350,977	24,774	69,500	40,538	27,525	162,337	513,314	
Maintenance labour .....	2,330,666	477,904	2,808,570	177,416	176,214	70,089	59,327	483,046	3,291,616	
Aircraft and traffic servicing .....	3,622,843	866,887	4,489,730	80,744	102,047	91,530	38,110	312,431	4,802,161	
Other personnel .....	3,493,098	527,817	4,020,915	31,391	23,206	10,367	23,462	88,426	4,109,341	
Total salaries and wages .....	12,266,146	2,781,859	15,048,005	417,539	513,466	275,934	209,621	1,416,560	16,464,565	

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

December 1968

	Air Canada	Canadian Pacific Air Lines Ltd.	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	441,835	73,821	5,757	32,312	14,518	10,941	579,184
Domestic interline .....		7,180	3,031	-	-	-	89,573
Foreign interline .....	73,280	6,082	-	-	-	-	
Totals(2) .....	515,115	87,083	8,788	32,312	14,518	10,941	668,757
<b>Express carried:</b>							
Originated .....	1,602,496	147,350	15,631	81,301	-	30,623	1,877,401
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,602,496	147,350	15,631	81,301	-	30,623	1,877,401
<b>Freight carried:</b>							
Originated .....	15,929,182	1,921,983	556,570	573,890	250,511	146,802	19,378,938
Domestic interline .....	-	32,960	-	-	-	-	32,960
Foreign interline .....	-	80,949	-	-	-	-	80,949
Totals(2) .....	15,929,182	2,035,892	556,570	573,890	250,511	146,802	19,492,847
<b>Excess baggage carried:</b>							
Originated .....	-	32,226	20,584	38,367	31,761	-	122,938(3)
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	32,226	20,584	38,367	31,761	-	122,938(3)
<b>Mail carried:</b>							
Originated .....	5,101,266	545,518	365,931	268,134	82,269	47,932	6,411,050
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	5,101,266	545,518	365,931	268,134	82,269	47,932	6,411,050

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

December 1968

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Services	Total International Services	Domestic Services	Grand total
<b>Unit toll:</b>							
Departures .....	2,306	741	1,098	169	4,314	14,178	18,492
Hours flown .....	3,644	3,269	3,210	1,026	11,149	18,281	29,430
Miles scheduled .....	1,072,528	1,544,911	1,293,094	495,603	4,396,136	5,158,524	9,554,660
Miles flown:							
Scheduled - Regular .....	1,005,588	1,485,181	1,264,082	475,609	4,230,460	4,975,143	9,205,603
Non-scheduled .....	39,279	42,661	147,831	32,120	261,891	498,848	760,739
Totals .....	1,044,867	1,527,842	1,411,913	507,729	4,492,351	5,473,991	9,966,342
Ratio of regular miles flown to miles scheduled .....	93.8	96.1	98.5	96.0	96.2	96.4	96.3
Passengers carried .....	No.						
Cargo carried .....	lb.						
Mail carried .....							
Passenger-miles .....	No.						
Available seat-miles on scheduled services	"						
Passenger load factor on scheduled services							
Goods ton-miles:							
Express .....	No.						
Freight .....							
Excess baggage .....							
Mail .....							
Totals .....							
Available ton-miles on scheduled service	"						
Weight load factor on scheduled services(1)							
<b>Bulk:</b>							
Departures .....	286	65	35	5	391		
Hours flown .....	522	473	97	43	1,135		
Miles flown .....	116,654	211,036	38,083	19,695	385,468		
Passengers carried .....	3,958	5,425	1,786	538	11,707		
Goods carried .....	109,156	209,637	82,485		401,278		
Passenger-miles(2) .....	5,301,039	18,124,851	2,593,620	1,958,578	27,978,088		
Goods ton-miles(2) .....	13,040	311,106	47,305	-	371,451		
<b>Total:</b>							
Departures .....	2,592	806	1,133	174	4,705		
Hours flown .....	4,166	3,742	3,307	1,069	12,284		
Miles flown .....	1,161,521	1,738,878	1,449,996	527,424	4,877,819		
Passengers carried .....					204,083		
Goods carried .....					9,867,531		
Passenger-miles(2) .....	57,732,618	110,370,349	99,196,953	39,254,492	306,754,412		
Goods ton-miles(2) .....	1,004,646	7,537,097	1,612,553	1,594,795	11,749,091		

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

December 1968

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	165,760	131,254	297,014	27,066	22,497	49,563
Bulk ..... "	583	711	1,294	1,345	1,462	2,807
Totals ..... "	166,343	131,965	298,308	28,411	23,959	52,370
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,583,100	4,931,611	6,514,711	1,864,979	5,989,144	7,854,123
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,583,100	4,931,611	6,514,711	1,864,979	5,989,144	7,854,123
Mail carried (unit toll) ..... "	277,004	1,129,132	1,406,136	406,336	382,570	788,906
All other areas			Totals			
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	22,548	13,736	36,284	215,374	167,487	382,861
Bulk ..... "	1,118	683	1,801	3,046	2,856	5,902
Totals ..... "	23,666	14,419	38,085	218,420	170,343	388,763
Freight, express and excess baggage carried:						
Unit toll ..... lb.	622,579	530,788	1,153,367	4,070,658	11,451,543	15,522,201
Bulk ..... "	82,485	-	82,485	82,485	-	82,485
Totals ..... "	705,064	530,788	1,235,852	4,153,143	11,451,543	15,604,686
Mail carried (unit toll) ..... "	157,942	135,721	293,663	841,282	1,647,423	2,488,705
Total by Canadian carriers			Total by Foreign carriers			
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	106,602	80,291	186,893	108,772	87,196	195,968
Bulk ..... "	1,972	2,728	4,700	1,074	128	1,202
Totals ..... "	108,574	83,019	191,593	109,846	87,324	197,170
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,401,306	5,499,144	7,900,450	1,669,352	5,952,399	7,621,751
Bulk ..... "	82,485	-	82,485	-	-	-
Totals ..... "	2,483,791	5,499,144	7,982,935	1,669,352	5,952,399	7,621,751
Mail carried (unit toll) ..... "	559,504	438,093	997,597	281,778	1,209,330	1,491,108

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

December 1968

	Fixed wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	5,921	127,290	127,920	2,579,604	451	42,565	5,586	428,370
Recreational flying .....	573	16,369	16,513	382,559	11	778	1,561	158,790
Aerial photography and survey(1) ...	468	95,481	10,714	1,255,913	83	10,928	2,617	605,984
Aerial photography .....	32	1,490	876	57,793	-	-	218	14,885
Aerial inspection, reconnaissance and advertising(2) .....	519	42,298	20,582	2,223,770	613	97,075	13,212	2,095,048
Aerial application & distribution(3) ..	-	-	3,512	681,995	-	-	98	25,488
Aerial control .....	-	-	2,783	774,296	-	-	1,654	192,796
Aerial construction .....	-	-	-	-	-	-	286	78,624
Air ambulance and mercy services ...	7	600	88	9,896	-	-	13	2,573
Aircraft rental .....	819	14,772	23,674	493,357	60	4,334	1,314	88,360
Non-transportation charter .....	45	3,200	2,806	508,606	-	-	1,265	156,438
Totals .....	8,384	301,500	209,468	8,967,789	1,218	155,680	27,824	3,847,356

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

December 1968

	Carriers operating helicopters only		Carriers operating both helicopters and fixed wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 21	...	10	...	31	...
Helicopters - Owned .....	" 227	225	37	38	264	263
Leased .....	" 19	27	1	1	20	28
Totals .....	" 246	252	38	39	284	291
Revenue hours flown - Unit toll .....	" -	-	-	1	-	1
Bulk .....	" 4,112	106,953	475	6,785	4,587	113,738
Specialty .....	" 733	21,096	485	6,728	1,218	27,824
Totals .....	" 4,845	128,049	960	13,570	5,805	141,619
Non-revenue hours flown .....	" 296	6,330	61	650	357	6,980
Fuel and oil consumed:						
Gasoline .....	gal. 89,397	2,758,905	13,776	206,674	103,173	2,965,579
Cost .....	\$ 43,289	1,269,368	6,924	97,451	50,213	1,366,819
Oil .....	gal. 2,055	41,039	272	3,349	2,327	44,388
Cost .....	\$ 3,178	78,149	485	6,124	3,663	84,273
Average number of employees:						
Pilots .....	No. 219	243	19	19	238	262
Administrative .....	" 129	124	1	1	130	125
Maintenance labour .....	" 239	247	14	14	253	261
Other personnel .....	" 21	23	-	-	21	23
Totals .....	" 608	637	34	34	642	671
Salaries and wages:						
Pilots .....	\$ 197,936	2,635,483	12,248	181,430	210,184	2,816,913
Administrative .....	\$ 100,815	1,048,257	600	7,200	101,415	1,055,457
Maintenance labour .....	\$ 165,439	1,869,675	7,489	89,129	172,928	1,958,804
Other personnel .....	\$ 8,220	130,317	-	-	8,220	130,317
Totals .....	\$ 472,410	5,683,732	20,337	277,759	492,747	5,961,491

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
December 1968

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	638,405	15,451,965
Total transportation .....	638,405	15,451,965
Other flying services .....	106,410	3,161,827
Total flying services .....	744,815	18,613,792
Non-flying services .....	54,031	517,110
Total operating revenues .....	798,846	19,130,902
Operating expenses:		
Flying operations .....	429,094	7,342,194
Maintenance .....	74,399	5,758,311
General service and administration .....	298,590	2,356,481
Depreciation and amortization .....	224,628	1,825,143
Total operating expenses .....	1,026,711	17,282,129
Operating income (deficit) .....	Dr. 227,865	1,848,773
Non-operating income:		
Capital gains and losses .....	Dr. 5,004	148,279
Interest and discounts .....	Dr. 915	2,752
Miscellaneous non-operating income .....	Dr. 592	23,121
Income before interest expense .....	Dr. 234,376	2,022,925
Interest expense .....	67,617	521,952
Income before income taxes .....	Dr. 301,993	1,500,973
Provision for income taxes .....	Cr. 58,639	132,687
Net income after income taxes .....	Dr. 243,354	1,368,286

TABLE 11. Operating Statistics, Canadian Group V Carriers  
December 1968

	Quarter	Year to date
Reporting carriers .....	No. 265	...
Transportation:		
Hours flown .....	" 16,249	97,747
Passengers carried .....	" 31,708	209,196
Goods carried .....	lb. 2,494,330	14,822,146
Specialty flying services:		
Flying training .....	hr. 41,194	231,570
Recreational flying .....	" 7,259	38,811
Aerial photography and survey(1) .....	" 449	1,588
Aerial photography .....	" 126	405
Aerial inspection, reconnaissance and advertising(2) .....	" 1,697	12,355
Aerial application and distribution(3) .....	" 633	9,370
Aerial control .....	" 2	1,247
Aerial construction .....	" -	32
Air ambulance and mercy services .....	" 2	37
Aircraft rental .....	" 5,631	31,328
Non-transportation charter .....	" 382	2,008
Totals .....	" 57,375	328,751
Total - All services:		
Revenue hours flown .....	No. 73,624	426,498
Non-revenue hours flown .....	" 2,542	15,736

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:	(1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4).  (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).
<u>Classification of Canadian Carriers by Groups</u>	
Group I Carriers:	Canadian Air Carriers licensed to perform both domestic and international scheduled services, (Air Canada and Canadian Pacific Air Lines Ltd.).
Group II Carriers:	Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
Group III Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
Group IV Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
Group V Carriers:	Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.
<u>Cargo:</u>	Air freight and air express (excluding mail and excess baggage).
<u>Carrier, Air:</u>	One authorized to operate aircraft in or over Canada for hire or reward.
Non-Scheduled Carriers:	Carriers not operating any scheduled (Class I) service.
Scheduled Carriers:	Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.
<u>Express, Air:</u>	A package service operated only within the U.S.A. and Canada; the rates cover door-to-door service. Because Air Express shipments take priority over Air Freight, they command higher rates.

- 
- (1) Reference to Classes are in accordance with the classification of air carriers as defined by the Air Transport Committee and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Hull, P.Q.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air: Articles carried on unit toll flights at standard per pound rates or as bulk transportation.

Goods, Revenue: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Transborder Services: Services between Canada and the United States, except Hawaii.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean the Orient and Australasia.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

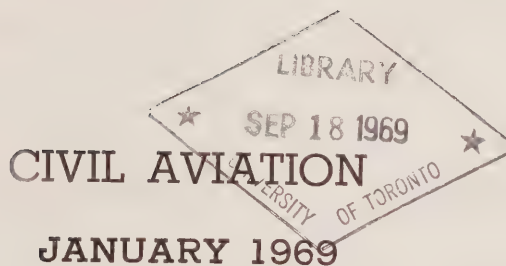
<u>Load Factor, Passenger:</u>	Ratio of revenue passenger-miles performed to available seat-miles.
<u>Load Factor, Weight:</u>	- See Weight Load Factor.
<u>Miles:</u>	Statute miles of 5,280 ft.
<u>Passenger:</u>	A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.
<u>Passenger Load-Factor:</u>	- See Load Factor, Passenger.
<u>Passenger-Mile:</u>	The transportation of one passenger one mile.
<u>Non-Revenue Passenger:</u>	A person, (including company personnel other than crew) carried on a revenue transportation flight, for whom no fare is collected.
<u>Revenue Passenger:</u>	A child or adult for which a fare or part of a fare is paid.
<u>Seat-Miles Available:</u>	Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.
<u>Specialty Flying Services:</u>	Non-transportation flying services, such as flying training, aerial photography, and aerial inspection.
<u>Tons:</u>	Short tons of 2,000 lbs.
<u>Ton-Mile:</u>	The transportation of one ton of goods one mile or any combination of weight in pounds and number of miles flown the product of which is 2,000.
<u>Ton-Miles Available:</u>	Available load capacity multiplied by miles flown on each inter-station flight.
<u>Unit Toll Transportation:</u>	Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul>
<u>Weight Load - Factor:</u>	Ratio of revenue ton-miles performed to available ton-miles.

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CIVIL AVIATION

JANUARY 1969

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

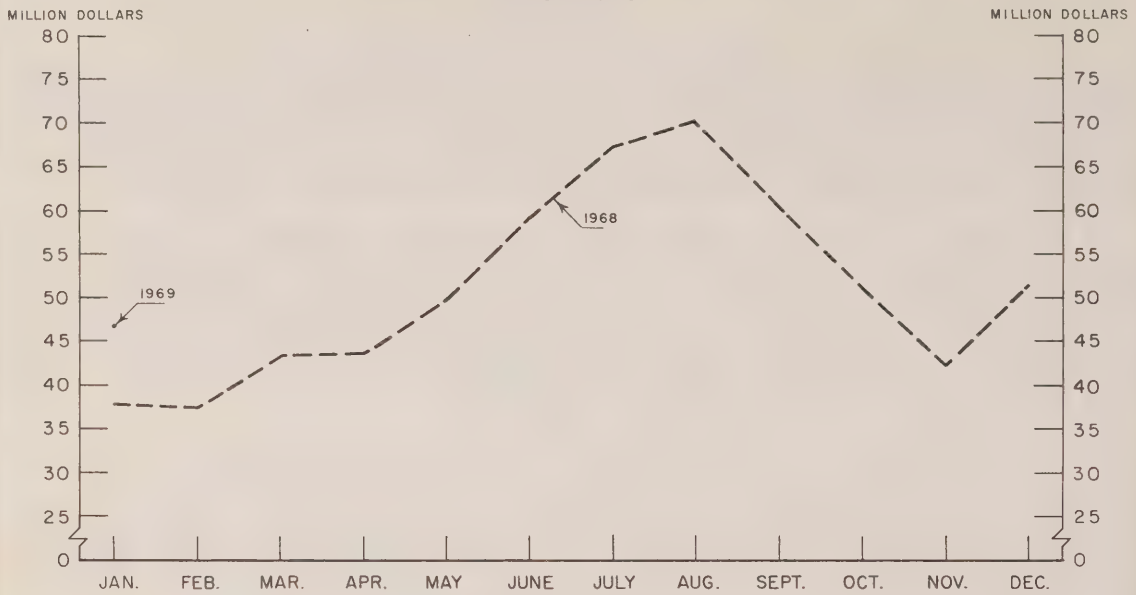
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

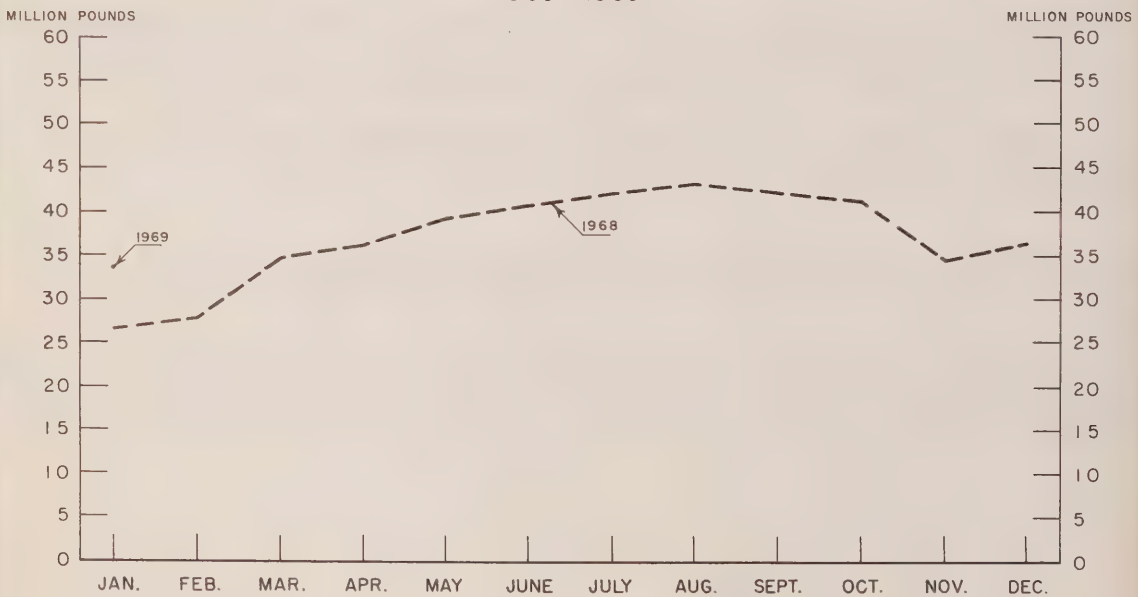
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF JANUARY OPERATIONS

In the off-peak month of January Canadian carriers posted increases in traffic and revenues compared to January 1968. However, with the exception of Air Canada and CP Air, carriers reported even greater increases in expenses. The net result was that most of the carriers fared less well financially in January 1969 than in January 1968. The improvement shown by the Group I carriers amounted to over \$2.2 million even though net income itself was still a deficit of \$2.3 million.

Traffic increases by the two major carriers were most notable in the transborder sector. Unit toll passenger-miles increased by more than 25 per cent compared to January of the previous year. New routes from Canada to Los Angeles and San Francisco made themselves evident in the larger totals reported. Passenger-mile figures for other international areas were also larger than in the previous year and increases for all areas amounted to over twenty per cent. The following table shows the proportional breakdown of international unit toll passenger-miles:

<u>Area</u>	<u>Percentage of Passenger-Miles</u>
Transborder .....	17.7
Trans-Atlantic and Polar .....	27.4
Southern .....	38.1
Pacific and Orient .....	16.8
Total .....	100.0

Goods ton-mile figures reported by Air Canada and CP Air in international unit toll services showed a gain of over sixty per cent in total. Contributing to this growth were increases of over seventy-five per cent in the trans-Atlantic sector and over one third in transborder services.

International charter operations of Canadian carriers in Groups I-IV showed sharp increases over the previous January. The number of hours flown more than doubled and the number of miles flown more than tripled. Charter passenger-mile figures experienced an almost ten fold increase over January 1968. This significant growth in charter traffic was concentrated in the trans-Atlantic sector and the Pacific and Orient sector. Whereas in the previous year charter traffic to these areas was very low, in 1969 a combination of lower fares, additional promotion by airlines and travel agents and increased availability of large capacity jet aircraft served to greatly increase flights to these areas. Competition among the airlines for long distance charter business increased with the acquisition of additional jet aircraft by regional and other carriers.

Foreign carriers also reported substantially higher volumes of traffic in 1969 in both unit toll and charter services. They carried sixteen per cent more passengers and forty three per cent more goods (measured in pounds) in unit toll service and forty per cent more passengers in charter service than in January 1968.

Specialty flying services provided by helicopters during January almost doubled even though the amount of specialty flying reported for fixed-wing aircraft declined by 2,000 hours. Flying training, as the largest single item among the various types of specialty flying, was increased by over 200 hours for helicopters but was reduced by over 1700 hours for fixed-wing aircraft. Poor flying weather during the month was a contributing factor to this decline. Enrolments in flying training activities may have been affected by the cessation of an incentive scheme of payments provided to graduating pilots by the Department of Transport.

Among the four regional airlines having Class 1 services the most outstanding increase in operating revenues was shown by Pacific Western Airlines Ltd. Expanded operations by this carrier resulted in an increase of more than \$150,000 in unit toll revenues compared to January 1968 and charter transportation revenues more than doubled to over \$520,000. Much of this increase in charter revenue was due to large freight shipments to the north in connection with oil exploration projects. However, expenses increased at an even greater rate so that an operating loss of over \$230,000 was recorded for the month. Expenses by this company on aircraft and traffic servicing more than doubled to over \$340,000 and the cost of flying operations also increased by two thirds to over \$620,000.

Both Quebecair and Eastern Provincial Airways showed improved statements of income in January 1969. Each increased total operating revenues by almost \$100,000 while operating expenses did not grow by the same amount. Hence, the large deficits experienced in January 1968 were reduced substantially. Quebecair showed more than \$100,000 additional unit toll transportation revenue while Eastern Provincial showed gains in passenger revenue and in non-flying services.

Transair Ltd. showed decreased operating revenues in spite of an additional \$50,000 passenger revenue. Unfortunately, operating expenses increased by almost \$120,000 so that an operating loss of \$137,167 was sustained. Reduced freight revenues in both unit toll and bulk transportation services also contributed to losses.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

January 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
	Scheduled carriers Group I and II(1)	Group III(1)	Group IV				Total			
Number of carriers reporting ...	6	35	72	107	113	11	11	135	...	
Revenue transportation services:										
Unit toll:										
Departures(9) .....	No.									
Hours flown .....	"	34,110	3,065	908	3,973	38,083	582	40,174	40,174	
Miles scheduled .....	"	10,948,567	...	...	...	10,948,567	216,318	11,772,205	11,772,205	
Miles flown:(4)										
Scheduled .....	"	10,850,801	...	...	...	10,850,801	190,373	12,103,639	12,103,639	
Non-scheduled .....	"	197,377	434,989	121,219	556,208	753,585	-	753,585	753,585	
Totals .....	"	11,048,178	434,989	121,219	556,208	11,604,386	190,373	12,857,224	12,857,224	
Passengers carried .....	"	664,368	9,962	2,562	12,524	676,892	156,431	864,782	864,782	
Goods carried:										
Cargo .....	lb.	19,437,665	731,078	114,772	845,850	20,283,515	2,908,406	27,753,740	27,753,740	
Excess baggage(5) .....	"	101,636	32,260	2,073	34,333	135,969	-	135,969	135,969	
Mail .....	"	5,102,815	255,907	46,249	302,156	5,404,971	711,457	6,358,969	6,358,969	
Totals .....	"	24,642,116	1,019,245	163,094	1,182,339	25,824,455	3,619,863	34,112,709	34,112,709	
Passenger-miles .....	No.	604,691,962	2,340,276	2,763,110	5,105,386	609,795,348	7,056,751	640,703,735	640,703,735	
Goods ton-miles:										
Cargo .....	"	16,160,821	251,261	167,690	418,951	16,579,772	76,249	18,338,262	18,338,262	
Excess baggage(5) .....	"	60,812	5,644	149	5,793	66,605	-	66,605	66,605	
Mail .....	"	2,761,511	67,414	3,060	70,474	2,831,985	15,120	2,949,667	2,949,667	
Totals .....	"	18,983,144	324,319	170,899	495,218	19,478,362	91,369	21,287,929	21,287,929	
Bulk:										
Departures .....	"	975	7,946	6,778	14,724	15,699	..	..	..	
Hours flown .....	"	1,860	9,278	5,791	15,069	16,929	2	16,949	16,949	
Miles flown .....	"	461,831	1,048,556	629,080	1,677,636	2,139,467	430	2,149,294	2,149,294	
Passengers carried .....	"	11,334	20,550	9,704	30,254	41,588	182	43,511	43,511	
Freight carried .....	lb.	2,290,839	3,682,177	1,746,427	5,428,604	7,719,443	-	7,719,443	7,719,443	
Passenger-miles(6) .....	No.	22,853,978	15,846,698	329,003	15,975,701	38,829,679	..	..	..	
Goods ton-miles(6) .....	"	854,787	409,501	38,099	447,600	1,302,387	..	..	..	
Revenue non-transportation services:										
Specialty flying - Hours flown	"	89	2,121	8,276	10,397	10,486	-	10,486	10,486	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

January 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures(9) .....										
Hours flown .....	36,059	14,464	14,975	29,439	65,498	584	1,527	67,609		67,609
Miles flown .....	11,510,009	1,483,545	750,299	2,233,844	13,743,853	190,803	1,071,862	15,006,518		15,006,518
Passengers carried .....	675,702	30,512	12,266	42,778	718,480	156,613	33,200	908,293		908,293
Cargo carried .....	21,728,504	4,413,255	1,861,199	6,274,454	28,138,927(8)	2,908,406	4,425,850	35,473,183		35,473,183
Goods carried(5) .....	26,932,955	4,701,422	1,909,521	6,610,943	33,543,898	3,619,863	4,668,391	41,832,152		41,832,152
Passenger-miles(6) .....	627,545,940	17,986,974	3,092,113	21,079,087	648,625,027	..	..	..		..
Goods ton-miles(6) .....	19,837,931	733,820	208,998	942,818	20,780,749	..	..	..		..
Non-revenue:(10)										
Hours flown .....	1,310	830	457	1,287	2,597	5	20	2,622		2,622
Passengers carried .....										
Goods carried .....										
Passenger-miles .....										
Goods ton-miles .....										
Fuel and oil consumed:										
Turbo fuel - Quantity .....	31,300,991	521,978	36,939	558,917	31,859,908	1,577,737	4,321,398	37,759,043		37,759,043
Cost .....	4,894,631	121,042	12,363	133,405	5,028,036	165,365	680,556	5,873,957		5,873,957
Gasoline - Quantity .....	777,744	543,579	211,336	754,915	1,532,659	-	-	1,532,659		1,532,659
Cost .....	268,548	240,951	94,983	335,934	604,482	-	-	604,482		604,482
Turbo oil - Quantity .....	4,557	97	12	109	4,666	214	117	4,997		4,997
Cost .....	42,318	602	111	713	43,031	1,449	1,058	45,538		45,538
Other oil - Quantity .....	12,110	9,424	4,394	13,818	25,928	-	-	25,928		25,928
Cost .....	13,592	14,420	7,069	21,489	35,081	-	-	35,081		35,081
Average number of employees:										
Pilots and co-pilots .....	1,819	582	452	1,034	2,853	..	..	..		..
Other flight personnel .....	2,090	90	30	120	2,210	..	..	..		..
General management .....	435	216	142	358	793	..	..	..		..
Maintenance labour .....	4,872	664	363	1,027	5,899	..	..	..		..
Aircraft & traffic servicing .....	7,963	195	112	307	8,270	..	..	..		..
Other personnel .....	5,993	358	272	630	6,623	..	..	..		..
Totals .....	23,172	2,105	1,371	3,476	26,648	662	784	28,094		28,094
Salaries and wages paid:										
Pilots and co-pilots .....	2,553,630	460,138	274,017	734,155	3,287,785	..	..	..		..
Other flight personnel .....	1,214,566	27,984	13,779	41,763	1,256,329	..	..	..		..
General management .....	535,258	183,335	96,552	279,887	815,145	..	..	..		..
Maintenance labour .....	3,588,978	388,109	195,672	583,781	4,172,759	..	..	..		..
Aircraft & traffic servicing .....	5,063,436	94,173	52,538	146,711	5,210,147	..	..	..		..
Other personnel .....	4,141,935	168,150	125,232	293,382	4,435,317	..	..	..		..
Totals .....	17,097,803	1,321,889	757,790	2,079,679	19,177,482	462,507	518,075	20,158,064		20,158,064

(1) Group II Non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

January 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
							dollars	
Operating revenues:								
Unit toll transportation:								
Passengers .....	33,399,521	1,761,741	35,161,262	306,463	45,654	352,117	35,513,379	35,513,379
Express .....	755,621	36,648	792,269	6,578	1,638	8,216	800,485	800,485
Freight .....	3,185,432	215,127	3,400,559	149,496	10,784	160,280	3,560,839	3,560,839
Excess baggage .....	164,385	22,610	186,995	7,046	350	7,396	194,391	194,391
Mail .....	1,844,252	154,383	1,998,635	130,819	11,580	142,399	2,141,034	2,141,034
Total unit toll transportation ..	39,349,211	2,190,509	41,539,720	600,402	70,006	670,408	42,210,128	42,210,128
Bulk transportation .....	422,769	732,650	1,155,419	1,656,578	576,805	2,233,383	3,388,802	3,388,802
Total transportation .....	39,771,980	2,923,159	42,695,139	2,256,980	646,811	2,903,791	45,598,930	45,598,930
Other flying services .....	2,360	23,848	26,208	198,171	270,304	468,475	494,683	494,683
Total flying services .....	39,774,340	2,947,007	42,721,347	2,455,151	917,115	3,372,266	46,093,613	46,093,613
Non-flying services .....	584,168	78,000	662,168	17,977	66,307	84,284	746,452	746,452
Total operating revenues .....	40,358,508	3,025,007	43,383,515	2,473,128	983,422	3,456,550	46,840,065	46,840,065
Operating expenses:								
Flying operations .....	10,455,140	1,208,324	11,663,464	1,388,672	544,531	1,933,203	13,596,667	13,596,667
Maintenance .....	7,513,709	764,735	8,278,444	1,013,291	437,647	1,450,938	9,729,382	9,729,382
General services and administration:								
Passenger service .....	4,322,145	167,920	4,490,065	..	..	..	..	..
Aircraft and traffic servicing ..	6,456,644	576,279	7,032,923	..	..	..	..	..
Promotion and sales .....	6,741,310	218,224	6,959,534	..	..	..	..	..
General administration .....	1,884,338	241,697	2,126,035	..	..	..	..	..
Totals .....	19,404,437	1,204,120	20,608,557	783,391	315,495	1,098,886	21,707,443	21,707,443
Depreciation and amortization .....	3,589,580	273,926	3,863,506	406,023	187,674	593,697	4,457,203	4,457,203
Total operating expenses .....	40,962,866	3,451,105	44,413,971	3,591,377	1,485,347	5,076,724	49,490,695	49,490,695
Operating income (loss) .....	Dr. 604,358	Dr. 426,098	Dr. 1,030,456	Dr. 1,118,249	Dr. 501,925	Dr. 1,620,174	Dr. 2,650,630	Dr. 2,650,630
Non-operating income - Net:								
Capital gains and losses .....	-	5,995	5,995	26,830	12,356	39,186	33,191	33,191
Interest and discounts .....	575,258	42,505	617,763	5,278	5,355	10,633	628,396	628,396
Miscellaneous non-operating income ..	58,399	4,451	62,850	23,346	8,241	31,587	31,263	31,263
Income before interest expense .....	Dr. 87,499	Dr. 394,039	Dr. 481,538	Dr. 1,062,795	Dr. 475,973	Dr. 1,538,768	Dr. 2,020,306	Dr. 2,020,306
Interest expense .....	2,214,267	196,130	2,410,397	157,957	49,874	207,831	2,618,228	2,618,228
Income before income taxes .....	Dr. 2,301,766	Dr. 590,169	Dr. 2,891,935	Dr. 1,220,752	Dr. 525,847	Dr. 1,746,599	Dr. 4,638,534	Dr. 4,638,534
Provision for income taxes .....	-	-	-	670	8,099	8,769	8,769	8,769
Net income after income taxes .....	Dr. 2,301,766	Dr. 590,169	Dr. 2,891,935	Dr. 1,221,422	Dr. 533,946	Dr. 1,755,368	Dr. 4,647,303	Dr. 4,647,303

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
 Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

January 1969

- 11 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers .....	26,121,454	7,278,067	261,112	768,294	446,063	286,272	35,161,262	35,161,262
Express .....	689,241	66,380	4,321	25,445	-	6,882	792,269	792,269
Freight .....	2,467,744	717,688	51,360	80,355	65,915	17,497	3,400,559	3,400,559
Excess baggage .....	119,792	44,593	4,387	9,172	7,810	1,241	186,995	186,995
Mail .....	1,324,252	520,000	68,204	56,715	14,635	14,829	1,998,635	1,998,635
Total unit toll transportation ..	30,722,483	8,626,728	389,384	939,981	534,423	326,721	41,539,720	41,539,720
Bulk transportation .....	176,639	246,130	105,876	521,687	3,734	101,353	1,155,419	1,155,419
Total transportation .....	30,899,122	8,872,858	495,260	1,461,668	538,157	428,074	42,695,139	42,695,139
Other flying services .....	2,360	-	23,848	-	-	-	26,208	26,208
Total flying services .....	30,901,482	8,872,858	519,108	1,461,668	538,157	428,074	42,721,347	42,721,347
Non-flying services .....	453,008	131,160	76,795	-	4,569	5,774	682,168	682,168
Total operating revenues .....	31,354,490	9,004,018	595,903	1,461,668	533,588	433,848	43,383,515	43,383,515
Operating expenses:								
Flying operations .....	7,459,033	2,996,107	188,238	620,482	213,609	185,995	11,663,464	11,663,464
Maintenance .....	6,308,352	1,205,357	209,118	288,283	125,923	141,411	8,278,444	8,278,444
General services and administration:								
Passenger service .....	3,313,273	1,008,872	29,419	60,847	25,064	52,590	4,490,065	4,490,065
Aircraft and traffic servicing .....	5,283,697	1,172,947	98,260	342,769	54,113	81,137	7,032,923	7,032,923
Promotion and sales .....	4,864,932	1,876,378	11,662	81,627	99,634	25,301	6,959,534	6,959,534
General administration .....	1,432,907	451,431	34,830	145,172	21,974	39,721	2,126,035	2,126,035
Totals .....	14,894,809	4,509,628	174,171	630,415	200,785	198,749	20,608,557	20,608,557
Depreciation and amortization .....	3,323,407	266,173	60,710	157,941	10,415	44,860	3,863,506	3,863,506
Total operating expenses .....	31,985,601	8,977,265	632,237	1,697,121	550,732	571,015	44,413,971	44,413,971
Operating income (loss) .....	Dr. 631,111	Dr. 26,753	Dr. 36,334	Dr. 235,453	Dr. 17,144	Dr. 137,167	Dr. 1,030,456	Dr. 1,030,456
Non-operating income - Net:								
Capital gains and losses .....	527,461	-	5	6,000	-	-	5,995	5,995
Interest and discounts .....	12,501	Dr. 47,797	17,010	25,495	-	-	617,763	617,763
Miscellaneous non-operating income ..	-	Dr. 70,900	-	326	Dr. 3,857	Dr. 268	Dr. 62,850	Dr. 62,850
Income before interest expense .....	Dr. 91,149	3,650	Dr. 19,319	Dr. 216,284	Dr. 21,001	Dr. 137,435	Dr. 481,538	Dr. 481,538
Interest expense .....	1,895,553	318,714	42,882	84,208	41,847	27,193	2,410,397	2,410,397
Income before income taxes .....	Dr. 1,986,702	Dr. 315,064	Dr. 62,201	Dr. 300,492	Dr. 62,848	Dr. 164,628	Dr. 2,891,935	Dr. 2,891,935
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 1,986,702	Dr. 315,064	Dr. 62,201	Dr. 300,492	Dr. 62,848	Dr. 164,628	Dr. 2,891,935	Dr. 2,891,935

dollars

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

January 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....	No.								
Hours flown .....	"	23,848	5,138	28,986	1,251	1,324	1,516	1,033	5,124
Miles scheduled .....	"	8,049,030	2,081,487	10,130,517	38,452	354,011	289,489	136,098	818,050
Miles flown:(1)									
Scheduled - Regular .....	"	7,678,447	2,012,086	9,690,533	34,231	331,860	244,899	135,334	746,324
Extra sections .....	"	362,481	38,563	401,044	3,709	8,375	-	816	12,900
Non-scheduled .....	"	-	-	-	153,374	-	-	44,003	197,377
Totals .....	"	8,040,928	2,050,649	10,091,577	191,314	340,235	244,899	180,153	956,601
Ratio of regular miles flown to miles scheduled .....		95.4	96.7	95.7	89.0	93.7	84.6	99.4	91.2
Passengers carried .....	No.	512,500	84,842	597,342	7,537	34,940	14,518	10,031	67,026
Goods carried:									
Freight .....	1b.	14,390,011	1,981,801	16,371,812	431,957	502,076	235,229	144,531	1,313,793
Express .....	"	1,484,939	149,435	1,634,374	12,524	75,271	-	29,891	117,686
Excess baggage(2) .....	"	-	21,954	21,954	13,679	36,702	29,301	-	79,682
Mail .....	"	4,195,338	394,662	4,590,000	217,116	192,302	67,524	35,873	512,815
Totals .....	"	20,070,288	2,547,852	22,618,140	675,276	806,351	332,054	210,295	2,023,976
Passenger-miles:(1)									
Scheduled .....	No.	449,248,207	135,910,851	585,159,058	329,936	8,849,902	4,415,641	2,800,001	16,395,480
Non-scheduled .....	"	-	-	-	2,621,442	-	-	515,982	3,137,424
Totals .....	"	449,248,207	135,910,851	585,159,058	2,951,378	8,849,902	4,415,641	3,315,983	19,532,904
Available seat-miles on scheduled services(1) .....	"	827,148,074	293,844,333	1,120,992,407	1,299,597	24,540,133	7,732,688	7,586,708	41,159,126
Passenger load factor on scheduled services(1) .....		54.3	46.3	52.2	25.4	36.1	57.1	36.9	39.8
Goods ton-miles:(1)									
Freight - Scheduled .....	No.	12,143,689	2,885,889	15,029,578	10,090	176,176	55,268	25,970	267,504
Non-scheduled .....	"	-	-	-	92,882	-	-	12,807	105,689
Totals .....	"	12,143,689	2,885,889	15,029,578	102,972	176,176	55,268	38,777	373,193
Express - Scheduled(1) .....	"	665,929	60,203	726,132	330	24,227	-	4,821	29,378
Non-scheduled .....	"	-	-	-	1,564	-	-	976	2,540
Totals .....	"	665,929	60,203	726,132	1,894	24,227	-	5,797	31,918

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

January 1969

	Group I carriers			Group II carriers(1)				Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	
Revenue transportation services - Concluded:								
Unit toll - Concluded:								
Goods ton-miles(1) - Concluded:								
Excess baggage - Scheduled(2) .... No.	-	42,383	42,383	199	7,991	6,575	-	57,148
Non-scheduled .. " "	-	-	-	3,664	-	-	-	3,664
Totals .....	-	42,383	42,383	3,863	7,991	6,575	-	60,812
Mail - Scheduled(1) .....	2,144,289	446,793	2,591,082	6,185	61,494	8,702	5,489	2,672,952
Non-scheduled .. " "	-	-	-	85,034	-	-	3,525	88,559
Totals .....	2,144,289	446,793	2,591,082	91,219	61,494	8,702	9,014	2,761,511
Total - Scheduled(1, 2) .....	14,953,907	3,435,268	18,389,175	16,804	269,888	70,545	36,280	18,782,692
Non-scheduled .. " "	-	-	-	183,144	-	-	17,308	200,452
Totals .....	14,953,907	3,435,268	18,389,175	199,948	269,888	70,545	53,588	18,983,144
Available ton-miles on scheduled services(1) .....	132,066,712	41,334,819	173,401,531	155,072	3,041,780	773,797	1,243,701	178,615,881
Weight load factor on scheduled services(1, 3) .....	45.3	41.2	44.4	32.1	38.0	66.2	25.4	44.2
Bulk:								
Departures .....	103	35	138	549	192	10	86	975
Hours flown .....	226	172	398	632	514	17	299	1,860
Miles flown .....	76,699	81,790	158,489	67,587	180,113	2,352	53,290	461,831
Passengers carried .....	2,567	2,578	5,145	1,177	4,265	48	699	11,334
Freight carried .....	75,000	75,000	150,000	193,606	1,748,916	-	273,227	2,215,839
Passenger-miles(4) .....	3,848,985	8,427,339	12,276,324	133,807	9,563,906	34,430	845,511	22,853,978
Goods ton-miles(4) .....	113,063	-	113,063	30,987	575,924	-	134,813	854,787
Revenue non-transportation services:								
Specialty flying - Hours flown .....	9	-	9	80	-	-	-	89
Total - All services:								
Traffic, hours and miles:(5)								
Revenue:								
Departures(6) .....	24,083	5,310	29,393	1,963	1,838	1,533	1,332	36,059
Hours flown .....	8,117,627	2,132,439	10,250,066	258,901	520,348	247,251	233,443	11,510,009
Miles flown .....	515,067	87,420	602,487	8,714	39,205	14,566	10,730	675,702
Cargo carried .....	15,949,950	2,131,236	18,081,186	638,177	2,326,263	235,229	447,649	21,728,504
Goods carried(2) .....	20,145,288	2,547,852	22,693,140	868,972	2,555,267	332,054	483,522	26,932,955
Passenger-miles(4) .....	453,097,192	144,338,190	597,435,382	3,085,185	18,413,808	4,450,071	4,161,494	627,545,940
Goods ton-miles (2, 4) .....	15,066,970	3,435,268	18,502,238	230,935	845,812	70,545	188,401	19,837,931

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

January 1969

	Group I carriers			Group II carriers(1)				Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	
Total - All services - Concluded:								
Traffic, hours and miles - Concluded:(5)								
Non-revenue:(7)								
Hours flown .....	792	263	1,055	141	54	35	25	1,310
Passengers carried .....								
Goods carried .....								
Passenger-miles .....								
Goods ton-miles .....								
Fuel and oil consumed:								
Turbo fuel - Quantity .....	22,955,717	7,055,098	30,010,815	139,675	720,684	267,681	162,136	31,300,991
Cost .....	3,491,587	1,132,414	4,624,001	30,728	150,524	56,213	33,165	4,894,631
Gasoline - Quantity .....	-	221,470	221,470	129,726	273,611	40,770	112,167	777,744
Cost .....	-	62,978	62,978	44,351	103,404	13,454	44,361	268,548
Turbo oil - Quantity .....	2,460	987	3,447	75	288	741	6	4,557
Cost .....	23,012	11,784	34,796	1,125	3,744	2,593	60	42,318
Other oil - Quantity .....	-	2,145	2,145	1,994	2,600	1,470	3,901	12,110
Cost .....	-	2,145	2,145	2,489	3,250	1,176	4,532	13,592
Average number of employees:								
Pilots and co-pilots .....	1,146	377	1,523	65	122	56	53	1,819
Other flight personnel .....	1,462	460	1,922	23	83	21	41	2,090
General management .....	94	121	215	22	117	61	20	435
Maintenance labour .....	3,461	741	4,202	225	212	119	114	4,872
Aircraft and traffic servicing .....	5,723	1,709	7,432	121	170	132	108	7,963
Other personnel .....	4,779	1,052	5,831	52	45	11	54	5,993
Total employees .....	16,665	4,460	21,125	508	749	400	390	23,172
Salaries and wages:								
Pilots and co-pilots .....	1,755,910	498,297	2,254,207	56,825	142,839	55,743	44,016	2,553,630
Other flight personnel .....	863,625	283,932	1,147,557	9,080	35,494	7,966	14,469	1,214,566
General management .....	251,099	131,182	382,281	24,087	71,845	37,748	19,297	535,258
Maintenance labour .....	2,669,228	496,728	3,165,956	118,410	180,082	66,075	58,455	3,588,978
Aircraft and traffic servicing .....	3,884,429	917,804	4,802,233	53,563	93,353	74,292	39,995	5,063,436
Other personnel .....	3,545,799	519,835	4,065,634	20,805	21,022	11,032	23,442	4,141,935
Total salaries and wages .....	12,970,090	2,847,778	15,817,868	282,770	544,635	252,856	199,674	17,097,803

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds

(4) Excludes charter aircraft not having a minimum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

January 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	438,198	71,073	5,628	34,940	14,518	10,031	574,388
Domestic interline .....	74,302	7,677	1,909	-	-	-	89,980
Foreign interline .....	-	6,092	-	-	-	-	-
Totals(2) .....	512,500	84,842	7,537	34,940	14,518	10,031	664,368
<b>Express carried:</b>							
Originated .....	1,484,939	149,435	12,524	75,271	-	29,891	1,752,060
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,484,939	149,435	12,524	75,271	-	29,891	1,752,060
<b>Freight carried:</b>							
Originated .....	14,390,011	1,895,462	431,957	502,076	235,229	144,531	17,599,266
Domestic interline .....	-	32,643	-	-	-	-	32,643
Foreign interline .....	-	53,759	-	-	-	-	53,759
Totals(2) .....	14,390,011	1,981,864	431,957	502,076	235,229	144,531	17,685,668
<b>Excess baggage carried:</b>							
Originated .....	-	21,954	13,679	36,702	29,301	-	101,636(3)
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	21,954	13,679	36,702	29,301	-	101,636(3)
<b>Mail carried:</b>							
Originated .....	4,195,338	394,662	217,116	192,302	67,524	35,873	5,102,815
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,195,338	394,662	217,116	192,302	67,524	35,873	5,102,815

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
January 1969

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
<b>Unit toll:</b>							
Departures .....	2,271	752	1,295	203	4,521	13,709	18,230
Hours flown .....	3,486	3,262	3,807	1,220	11,775	17,211	28,986
Miles scheduled .....	1,137,924	1,588,213	1,585,377	582,603	4,894,117	5,236,400	10,130,517
<b>Miles flown:</b>							
Scheduled - Regular .....	1,058,602	1,504,095	1,540,703	573,157	4,676,557	5,013,976	9,690,533
Extra sections .....	30,047	25,248	129,006	28,194	212,495	188,549	401,044
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,088,649	1,529,343	1,669,709	601,351	4,889,052	5,202,525	10,091,577
Ratio of regular miles flown to miles scheduled .....	93.0	94.7	97.2	98.4	95.6	95.8	95.7
<b>Passengers carried</b> .....	No.						
Cargo carried .....	..	..	..	..	199,386	397,956	597,342
Mail carried .....	..	..	..	..	8,182,446	9,845,694	18,028,140
Passenger-miles .....	52,743,456	81,648,867	113,541,638	49,761,428	297,695,389	287,463,669	585,159,058
Available seat-miles on scheduled services	112,436,417	189,357,802	218,683,635	104,229,500	624,707,354	496,285,053	1,120,992,407
Passenger load factor on scheduled services	46.9	43.1	51.9	47.7	47.7	57.9	52.2
<b>Goods ton-miles:</b>							
Express .....	58,527	-	-	-	58,527	667,605	726,132
Freight .....	792,768	6,182,223	1,096,952	1,013,419	9,285,362	5,744,216	15,029,578
Excess baggage .....	-	11,960	18,098	11,576	41,634	749	42,383
Mail .....	71,340	322,551	167,595	242,515	804,001	1,787,081	2,591,082
Totals .....	922,635	6,516,734	1,482,645	1,267,510	10,189,524	8,199,651	18,389,175
Available ton-miles on scheduled service ....	15,684,549	33,629,103	31,477,276	15,805,338	96,596,266	76,805,265	173,401,531
Weight load factor on scheduled services(1)	39.5	43.7	40.8	39.5	41.4	48.1	44.4
<b>Bulk:</b>							
Departures .....	279	73	16	55	423	..	..
Hours flown .....	473	429	34	304	1,240	..	..
Miles flown .....	102,376	193,863	13,683	150,959	460,881	..	..
Passengers carried .....	2,684	5,132	492	5,305	13,613	..	..
Goods carried .....	38,852	267,500	1,026,926	15,087,071	306,352	..	..
Passenger-miles(2) .....	1,873,875	16,599,343	1,026,926	15,087,071	34,587,215	..	..
Goods ton-miles(2) .....	15,726	417,514	-	-	433,240	..	..
<b>Total:</b>							
Departures .....	2,550	825	1,311	258	4,944	..	..
Hours flown .....	3,959	3,691	3,841	1,524	13,015	..	..
Miles flown .....	1,191,025	1,723,206	1,683,392	752,310	5,349,933	..	..
Passengers carried .....	..	..	..	..	9,212,999	..	..
Goods carried .....	..	..	..	..	9,171,187	..	..
Passenger-miles(2) .....	54,617,331	98,248,210	114,568,564	64,848,499	332,282,604	..	..
Goods ton-miles(2) .....	938,361	6,934,248	1,482,645	1,267,510	10,622,764	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

January 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	137,845	153,632	291,477	17,931	28,640	46,571
Bulk ..... "	890	700	1,590	864	2,075	2,939
Totals ..... "	138,735	154,332	293,067	18,795	30,715	49,510
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,592,068	4,715,975	6,308,043	2,168,920	5,581,195	7,750,115
Bulk ..... "	-	-	-	75,000	-	75,000
Totals ..... "	1,592,068	4,715,975	6,308,043	2,243,920	5,581,195	7,825,115
Mail carried (unit toll) ..... "	217,248	781,428	998,676	186,530	221,621	408,151
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	19,448	24,309	43,757	175,224	206,581	381,805
Bulk ..... "	744	857	1,601	2,498	3,632	6,130
Totals ..... "	20,192	25,166	45,358	177,722	210,213	387,935
Freight, express and excess baggage carried:						
Unit toll ..... lb.	573,643	435,839	1,009,482	4,334,631	10,733,009	15,067,640
Bulk ..... "	-	-	-	75,000	-	75,000
Totals ..... "	573,643	435,839	1,009,482	4,409,631	10,733,009	15,142,640
Mail carried (unit toll) ..... "	125,007	79,052	204,059	528,785	1,082,101	1,610,886
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	86,199	107,716	193,915	89,025	98,865	187,890
Bulk ..... "	2,298	1,909	4,207	200	1,723	1,923
Totals ..... "	88,497	109,625	198,122	89,225	100,588	189,813
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,392,431	5,340,953	7,733,384	1,942,200	5,392,056	7,334,256
Bulk ..... "	75,000	-	75,000	-	-	-
Totals ..... "	2,467,431	5,340,953	7,808,384	1,942,200	5,392,056	7,334,256
Mail carried (unit toll) ..... "	358,535	298,353	656,888	170,250	783,748	953,998

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

January 1969

	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	6,265	135,339	6,265	135,339	738	46,470	738	46,470
Recreational flying .....	772	17,596	772	17,596	-	-	-	-
Aerial photography and survey(1) ...	316	44,696	316	44,696	10	4,090	10	4,090
Aerial photography .....	20	547	20	547	1	134	1	134
Aerial inspection, reconnaissance and advertising(2) .....	475	61,018	475	61,018	629	83,585	629	83,585
Aerial application & distribution(3) ..	-	-	-	-	-	-	-	-
Aerial control .....	103	29,590	103	29,590	-	-	-	-
Aerial construction .....	-	-	-	-	-	-	-	-
Air ambulance and mercy services ...	-	-	-	-	3	480	3	480
Aircraft rental .....	914	16,966	914	16,966	133	8,719	133	8,719
Non-transportation charter .....	19	1,024	19	1,024	88	17,134	88	17,134
Totals .....	8,884	306,776	8,884	306,776	1,602	160,612	1,602	160,612

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

January 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 20	...	10	...	30	...
Helicopters - Owned .....	" 218	218	32	32	250	250
Leased .....	" 12	12	4	4	16	16
Totals .....	230	230	36	36	266	266
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 2,614	2,614	285	285	2,899	2,899
Specialty .....	" 1,287	1,287	315	315	1,602	1,602
Totals .....	3,901	3,901	600	600	4,501	4,501
Non-revenue hours flown .....	" 218	218	28	28	246	246
Fuel and oil consumed:						
Gasoline .....	gal. 75,621	75,621	8,844	8,844	84,465	84,465
Cost .....	\$ 33,431	33,431	3,958	3,958	37,389	37,389
Oil .....	gal. 1,568	1,568	117	117	1,685	1,685
Cost .....	\$ 2,487	2,487	235	235	2,722	2,722
Average number of employees:						
Pilots .....	No. 197	197	16	16	213	213
Administrative .....	" 130	130	1	1	131	131
Maintenance labour .....	" 228	228	13	13	241	241
Other personnel .....	" 26	26	-	-	26	26
Totals .....	581	581	30	30	611	611
Salaries and wages:						
Pilots .....	\$ 153,698	153,698	11,612	11,612	165,310	165,310
Administrative .....	\$ 85,294	85,294	600	600	85,894	85,894
Maintenance labour .....	\$ 142,547	142,547	7,618	7,618	150,165	150,165
Other personnel .....	\$ 13,121	13,121	-	-	13,121	13,121
Totals .....	\$ 394,660	394,660	19,830	19,830	414,490	414,490

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
January 1969

	Current month		Year to date	
			dollars	
Operating revenues:				
Unit toll transportation:				
Passengers .....	-		-	
Express .....	-		-	
Freight .....	-		-	
Excess baggage .....	-		-	
Mail .....	-		-	
Total unit toll transportation .....	-		-	
Bulk transportation .....	371,529		371,529	
Total transportation .....	371,529		371,529	
Other flying services .....	111,467		111,467	
Total flying services .....	482,996		482,996	
Non-flying services .....	31,541		31,541	
Total operating revenues .....	514,537		514,537	
Operating expenses:				
Flying operations .....	332,834		332,834	
Maintenance .....	329,702		329,702	
General service and administration .....	154,279		154,279	
Depreciation and amortization .....	106,046		106,046	
Total operating expenses .....	922,861		922,861	
Operating income (deficit) .....	Dr.	408,324	Dr.	408,324
Non-operating income:				
Capital gains and losses .....	Dr.	20	Dr.	20
Interest and discounts .....		2,626		2,626
Miscellaneous non-operating income .....	Dr.	294	Dr.	294
Income before interest expense .....	Dr.	406,012	Dr.	406,012
Interest expense .....		32,815		32,815
Income before income taxes .....	Dr.	438,827	Dr.	438,827
Provision for income taxes .....		300		300
Net income after income taxes .....	Dr.	439,127	Dr.	439,127

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. Transportation is performed at premium rates.
- Freight: Property carried at standard rates.
- Goods: Cargo, mail and excess baggage.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group II by the Air Transport Committee for regulatory purposes but for statistical purposes this carrier is shown as being in Group III.)
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mile: Statute mile of 5,280 ft.

- Non-scheduled carrier: An airline operating unit toll transportation services under authority of a Class 2, 9-2, 3 or 9-3 licence on a regular or irregular basis between specific points. Carriers providing any services under authority of a Class 1 and Class 8 licence are excluded from this category.
- Pacific and Orient services: Services between Canada and points in the Pacific Ocean, Orient and Australasia.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.
- Scheduled carrier: An airline with a Class 1 or Class 8 licence serving designated points in accordance with a service schedule and at a toll per unit. (Group I and Group II carriers.)
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South America.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii.
- Unit toll transportation: Includes transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a toll per unit.
  - Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a toll per unit.
  - Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base within a defined or specific points at a toll per unit.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.



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# CIVIL AVIATION

## FEBRUARY 1969

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

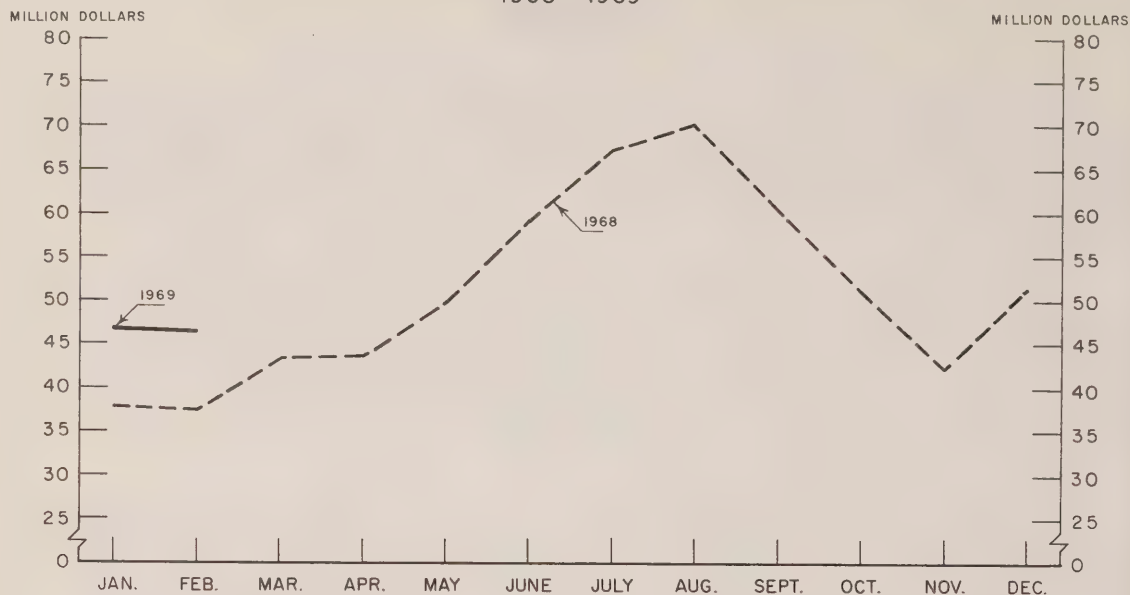
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

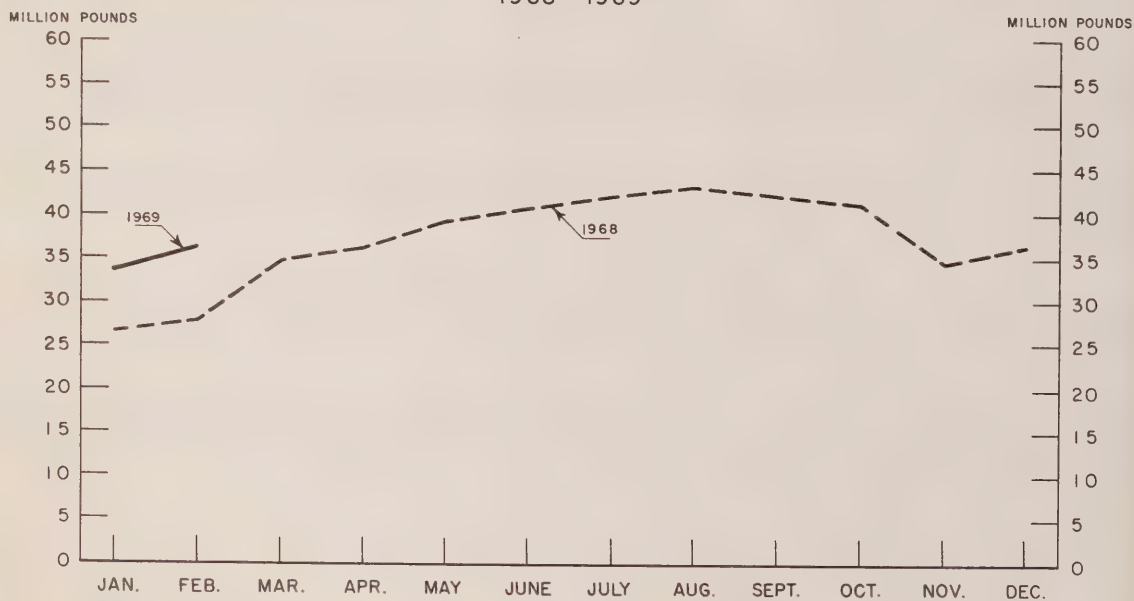
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968 - 1969



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968 - 1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF FEBRUARY OPERATIONS

Canadian air carriers in reporting Groups I - IV showed increased traffic and revenues in 1969 compared to February 1968. Relative increases in 1969 would have appeared even larger if 1968 had not been a leap year. The number of hours flown in unit toll service increased by just over one per cent but the number of miles flown increased by over ten per cent indicating the use of more modern aircraft capable of higher speeds. Turbo prop aircraft especially have increased in use among the regional and smaller airlines providing unit toll services. The number of passengers carried increased by over 50,000 and the number of passenger-miles was larger by over 70,000,000. In comparison to this fourteen per cent increase in passenger-miles, the number of goods ton-miles performed in unit toll services grew by seventy-three per cent to over 20 million.

In charter flying growth during February was larger in percentage terms than was the increase in unit toll activities. The number of miles flown increased by over twenty-five per cent to 2.4 million and the number of passengers carried in charter services grew by over 11,000 to 47,729. Freight shipments also increased and a gain of more than 2 million pounds was reported. In terms of passenger-miles the increase was more than two and one-half fold to over 42 million while the number of goods ton-miles reported grew at a similar rate to over 2.3 million.

Along with a growth in traffic there was an increase of 1,200 in the number of airline employees and their total salaries and wages grew by over \$3 million to \$19,008,183.

The statements of income for carriers in Groups I - IV showed noticeable improvement over February of the previous year. Unit toll revenues were larger by over \$7 million at over \$40 million while bulk transportation revenues increased by almost sixty per cent to over \$4 million. Total operating revenues increased to \$46,251,134 from \$37,389,613 but total operating expenses also increased from \$43,059,722 to \$48,446,268. Expenses for flying operations increased by over \$2 million and amounts reported for general services and administration were \$2 1/2 million larger. Hence, operating income for the normally off-season month of February was still a deficit of Dr. \$2,195,134 and net income after taxes was Dr. \$4,224,913. This was a substantial improvement over February 1968 figures of Dr. \$5,670,108 for operating income and Dr. \$6,919,156 for net income.

The six major carriers as a group showed the greatest improvement in net income for the month. Whereas in 1968 they reported a net deficit for the month of Dr. \$5,459,173 in 1969 they showed a deficit of Dr. \$2,445,396. Unit toll passenger revenue for the six carriers increased by over \$5 million and charter revenue increased by over \$1 million. Expenses also increased however, especially in the flying operations and general services and administration accounts where additional costs of over \$2 million were experienced in each.

The traffic carried by the six major carriers during February showed increases in all units of measure. The most outstanding gains were shown by Air Canada and CP Air in unit toll operations. Freight traffic was once again the item of greatest increase. Air Canada carried reported over 3 1/2 million more pounds of goods and almost 7 million more freight ton-miles than in 1968. CP Air reported an increase of almost fifty per cent in freight ton-miles to 3.7 million and Quebecair showed over sixty per cent more ton-miles with a figure of 62,000.

Charter traffic during February carried by the six major companies increased spectacularly as flights to Hawaii attracted people seeking an escape from the Canadian winter. Particularly active in charter flights were Air Canada, CP Air and Pacific Western Airlines. The latter company more than tripled the number of miles it flew and doubled the number of passengers it carried. Charter shipments of freight were substantial for Air Canada which reported over a million good ton-miles compared to no charter freight business in February 1968. Pacific Western Airlines reported over half a million goods ton-miles for freight charters as a part of their involvement in moving equipment and supplies to the far north.

International unit toll passenger traffic by Canadian scheduled carriers showed concentration in the Trans-Atlantic area and in the Southern services area. International unit toll freight ton-miles tripled in the Trans-Atlantic area and almost doubled in the Southern services area. Increases of over twenty per cent in freight ton-miles were reported for transborder services and for services to the Pacific and Orient area.

International charter traffic showed major increases in the Trans-Atlantic area, the Pacific and Orient area and the transborder area. The total number of bulk passenger-miles reported by carriers in Groups I - IV increased from 13.4 million in February 1968 to 34.6 million in 1969.

Foreign carriers operating scheduled services to and from Canada also reported increased traffic. The number of passengers carried increased by 14,000 and the number of pounds of freight carried rose by 2.6 million pounds to 8,219,493. The amount of mail carried by foreign airlines increased by over two thirds to 944,846 pounds.

Specialty flying activities of carriers in Groups I - IV operating fixed-wing aircraft declined from February 1968 totals while specialty flying by helicopters increased. Flying training on fixed-wing aircraft was lower by more than 2,000 hours while only slight increases were reported for aerial photography and survey, recreational flying and aerial inspection, reconnaissance and advertising. The major changes in helicopter specialty flying activities were an increase of over 250 hours in A.I.R.A. and a decline of over 140 hours in recreational flying.

The thirty one companies operating helicopters reported that they used only 276 machines compared to 300 in February 1968 reported by thirty companies. Better utilization of the aircraft was recorded however, as they flew 300 more revenue hours.

The operating revenues of companies flying only helicopters decreased by \$30,000 to \$613,841 but an even greater decrease of \$42,000 in operating expenses reduced the operating deficit for February to Dr. \$493,244 from Dr. \$506,886 in 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

February 1969

	Canadian carriers					Foreign carriers(2)			Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	36	75	111	117	11	11	139	...	...
Revenue transportation services:										
Unit toll:										
Departures(9) .....										
Hours flown .....	31,766	3,464	1,471	4,935	36,701	520	1,462	38,683	78,857	
Miles scheduled .....	10,082,973	...	...	...	10,082,973	190,659	583,557	10,857,189	22,627,394	
Miles flown:(4)										
Scheduled .....	10,048,634	...	...	...	10,048,634	182,162	583,678	10,814,474	22,918,113	
Non-scheduled .....	203,076	480,621	202,472	683,093	886,169	-	-	886,169	1,639,754	
Totals .....	10,251,710	480,621	202,472	683,093	10,934,803	182,162	583,678	11,700,643	24,557,867	
Passengers carried .....	638,565	11,111	5,257	16,368	654,933	143,896	26,514	825,343	1,690,125	
Goods carried:										
Cargo .....	19,888,951	1,112,636	218,167	1,330,803	21,219,754	3,110,926	5,108,567	29,584,868	57,338,608	
Excess baggage(5) .....	101,658	35,644	8,319	43,963	145,621	-	-	-	12,743,191	
Mail .....	4,986,768	389,066	63,342	452,608	5,439,376	696,741	248,105	6,384,222	70,081,799	
Totals .....	24,977,377	1,537,346	290,028	1,827,374	26,804,751	3,807,667	5,356,672	35,969,090	122,277,301	
Passenger-miles .....	551,040,698	2,402,387	1,992,359	4,394,746	555,435,444	6,828,617	19,805,215	582,069,276	1,222,773,011	
Goods ton-miles:										
Cargo .....	20,069,364	299,197	97,979	397,176	20,466,540	81,269	1,902,339	22,532,418	40,870,680	
Excess baggage(5) .....	59,253	5,193	17,824	23,017	82,270	16,571	112,514	2,834,063	5,783,730	
Mail .....	2,630,106	70,810	4,062	74,872	2,704,978	97,840	2,014,853	25,366,481	46,654,410	
Totals .....	22,758,723	375,200	119,865	495,065	23,253,788	-	-	-	-	
Bulk:										
Departures .....	1,467	8,660	8,408	17,068	18,535	..	..	..	..	
Hours flown .....	2,451	10,155	6,753	16,908	19,359	-	9	19,368	36,317	
Miles flown .....	599,285	1,036,125	756,284	1,792,409	2,391,694	-	4,240	2,395,934	4,545,228	
Passengers carried .....	12,323	21,631	13,775	35,406	47,729	-	784	48,513	92,024	
Freight carried .....	3,061,318	4,528,403	1,839,526	6,367,929	9,429,247	-	-	9,429,247	17,148,690	
Passenger-miles(6) .....	23,594,639	18,090,245	425,596	18,515,841	42,110,480	..	..	..	..	
Goods ton-miles(6) .....	1,840,342	471,356	21,108	492,464	2,332,806	..	..	..	..	
Revenue non-transportation services:										
Specialty flying - Hours flown "	96	3,184	12,209	15,393	15,489	-	-	15,489	25,975	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

February 1969

	Canadian carriers					Foreign carriers(2)			Grand total all carriers	Year to date
	Non-scheduled carriers			Total Canadian carriers	United States carriers	Other Foreign carriers(3)				
	Scheduled carriers	Non-scheduled carriers								
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours: (7)										
Departures (9) .....	No.									
Hours flown .....	34,313	16,803	20,433	37,236	71,549	520	1,471		73,540	141,149
Miles flown .....	10,850,995	1,516,746	958,756	2,475,502	13,326,497	182,162	587,918		14,096,577	29,103,095
Passengers carried .....	650,888	32,742	19,032	51,774	702,662	143,896	27,298		873,856	1,782,149
Cargo carried .....	22,950,269	5,641,039	2,057,693	7,698,732	30,794,622(8)	3,110,926	5,108,567		39,014,115	74,487,298
Goods carried(5) .....	28,038,695	6,065,749	2,129,554	8,195,303	36,233,998	3,807,667	5,356,672		45,398,337	87,230,489
Passenger-miles(6) .....	574,635,337	20,492,632	2,417,955	22,910,587	597,545,924	..	..		..	..
Goods ton-miles(6) .....	24,599,065	846,556	140,973	987,529	25,586,594	..	..		..	..
Non-revenue:(10)										
Hours flown .....	1,485	1,042	550	1,592	3,077	5	5		3,087	5,679
Passengers carried .....										
Goods carried .....										
Passenger-miles .....	lb.									
Goods ton-miles .....	No.									
Fuel and oil consumed:										
Turbo fuel - Quantity .....	gal.	438,470	66,042	504,512	29,878,968	1,250,722	3,904,064		35,033,754	72,792,797
Cost .....	\$	129,571	21,210	150,781	4,766,213	132,150	636,794		5,535,157	11,409,114
Gasoline - Quantity .....	gal.	607,365	251,821	859,186	1,520,986	-	-		1,520,986	3,053,645
Cost .....	\$	236,975	112,895	360,125	597,100	-	-		597,100	1,201,582
Turbo oil - Quantity .....	gal.	4,667	94	112	4,779	121	64		4,964	9,961
Cost .....	\$	41,524	231	643	42,167	868	625		43,660	89,198
Other oil - Quantity .....	gal.	9,370	4,782	14,993	24,363	-	-		24,363	50,291
Cost .....	\$	11,710	8,671	24,954	36,664	-	-		36,664	71,745
Average number of employees:										
Pilots and co-pilots .....	No.	585	465	1,050	2,860	..	..		..	..
Other flight personnel .....		88	30	118	2,226	..	..		..	..
General management .....		214	158	372	833	..	..		..	..
Maintenance labour .....		681	377	1,058	5,923	..	..		..	..
Aircraft & traffic servicing .....		208	109	317	8,387	..	..		..	..
Other personnel .....		358	258	616	6,724	..	..		..	..
Totals .....		2,134	1,397	3,531	26,953	655	783		28,391	28,242
Salaries and wages paid:										
Pilots and co-pilots .....	\$	867,442	295,564	1,163,006	3,792,892	..	..		..	..
Other flight personnel .....	\$	1,178,237	14,459	43,103	1,221,340	..	..		..	..
General management .....	\$	586,724	193,477	297,880	884,604	..	..		..	..
Maintenance labour .....	\$	3,321,353	396,015	599,294	3,920,647	..	..		..	..
Aircraft & traffic servicing .....	\$	4,741,517	94,158	143,762	4,885,279	..	..		..	..
Other personnel .....	\$	4,011,113	167,131	292,308	4,303,421	..	..		..	..
Totals .....	\$	16,468,830	1,746,867	2,539,353	19,008,183	346,157	526,990		19,881,330	40,039,394

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for "hours flown".

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

February 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date	
	Group I	Group II(1)		Total	Group III(1)				Total
		dollars			dollars				
Operating revenues:									
Unit toll transportation:									
Passengers .....	31,232,585	1,712,436	32,945,021	321,736	89,175	410,911	33,355,932	68,869,311	
Express .....	709,784	35,824	745,608	7,757	1,315	9,072	754,680	1,555,165	
Freight .....	3,984,464	263,242	4,247,706	179,816	12,825	192,641	4,440,347	8,001,186	
Excess baggage .....	164,326	22,559	186,885	6,567	995	7,562	194,447	388,838	
Mail .....	1,814,235	166,334	1,980,569	125,082	10,974	136,056	2,116,645	4,257,679	
Total unit toll transportation ..	37,905,394	2,200,415	40,105,809	640,958	115,284	756,242	40,862,051	83,072,179	
Bulk transportation .....	424,673	1,090,706	1,515,385	1,830,505	673,526	2,504,031	4,019,416	7,408,218	
Total transportation .....	38,330,073	3,291,121	41,621,194	2,471,463	788,810	3,260,273	44,881,467	90,480,397	
Other flying services .....	4,396	21,458	25,854	261,485	380,502	641,987	641,987	1,162,524	
Total flying services .....	38,334,469	3,312,579	41,647,048	2,732,948	1,169,312	3,902,260	45,549,308	91,642,921	
Non-flying services .....	463,374	68,159	531,533	97,992	72,301	170,293	701,826	1,448,278	
Total operating revenues .....	38,797,843	3,380,738	42,178,581	2,830,940	1,241,613	4,072,553	46,251,134	93,091,199	
Operating expenses:									
Flying operations .....	10,025,461	1,290,178	11,315,639	1,456,856	716,053	2,172,909	13,488,548	27,085,215	
Maintenance .....	6,897,763	847,326	7,745,089	1,201,031	505,759	1,706,790	9,451,879	19,181,261	
General services and administration:									
Passenger service .....	3,921,122	175,919	4,097,041	**	**	**	**	**	
Aircraft and traffic servicing .....	6,221,795	628,594	6,850,389	**	**	**	**	**	
Promotion and sales .....	6,579,644	239,398	6,819,042	**	**	**	**	**	
General administration .....	1,833,455	252,645	2,086,100	**	**	**	**	**	
Totals .....	18,556,016	1,296,556	19,852,572	779,198	381,146	1,160,344	21,012,916	42,720,359	
Depreciation and amortization .....	3,594,646	267,545	3,862,191	409,800	220,934	630,734	4,492,925	8,950,128	
Total operating expenses .....	39,073,886	3,701,605	42,775,491	3,846,885	1,823,892	5,670,777	48,446,268	97,936,963	
Operating income (loss) .....	Dr. 276,043	Dr. 320,867	Dr. 596,910	Dr. 1,015,945	Dr. 582,279	Dr. 1,598,224	Dr. 2,195,134	Dr. 4,845,764	
Non-operating income - Net:									
Capital gains and losses .....	-	50	50	3,496	7,269	10,765	10,815	44,006	
Interest and discounts .....	499,426	24,068	523,494	3,105	1,514	4,619	528,113	1,156,509	
Miscellaneous non-operating income ..	Dr. 62,273	1,612	Dr. 60,661	42,573	8,252	50,825	Dr. 9,836	Dr. 41,099	
Income before interest expense .....	161,110	Dr. 295,137	Dr. 134,027	Dr. 966,771	Dr. 565,244	1,532,015	Dr. 1,666,042	Dr. 3,686,348	
Interest expense .....	2,118,184	193,185	2,311,369	179,504	54,682	234,186	2,545,555	5,163,783	
Income before income taxes .....	Dr. 1,957,074	Dr. 488,322	Dr. 2,445,396	Dr. 1,146,275	Dr. 619,926	Dr. 1,766,201	Dr. 4,211,597	Dr. 8,850,131	
Provision for income taxes .....	-	-	-	670	12,646	13,316	13,316	22,085	
Net income after income taxes .....	Dr. 1,957,074	Dr. 488,322	Dr. 2,445,396	Dr. 1,146,945	Dr. 632,572	Dr. 1,779,517	Dr. 4,224,913	Dr. 8,872,216	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

February 1969

- 11 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	24,368,674	6,863,911	250,713	765,249	382,618	313,856	32,945,021	68,106,283
Express .....	647,807	61,977	5,128	21,072	-	9,624	745,608	1,537,877
Freight .....	3,161,788	822,676	80,550	89,897	59,066	33,729	4,247,706	7,648,265
Excess baggage .....	119,051	45,275	7,344	7,519	6,702	994	186,885	373,880
Mail .....	1,274,390	539,845	65,868	59,332	18,400	22,754	1,980,589	3,979,224
Total unit toll transportation ..	29,571,710	8,333,684	409,603	943,069	466,786	380,957	40,105,809	81,645,529
Bulk transportation .....	267,734	156,945	133,158	845,269	1,601	110,678	1,515,385	2,670,804
Total transportation .....	29,839,444	8,490,629	542,761	1,788,338	468,387	491,635	41,621,194	84,316,333
Other flying services .....	4,396	21,458	-	-	-	-	25,854	52,062
Total flying services .....	29,843,840	8,490,629	564,219	1,788,338	468,387	491,635	41,647,048	84,368,395
Non-flying services .....	302,724	160,650	3,593	-	Dr.	4,896	531,533	1,193,701
Total operating revenues .....	30,146,564	8,651,279	631,075	1,788,338	464,794	496,531	42,178,581	85,562,096
Operating expenses:								
Flying operations .....	7,213,723	2,811,738	213,541	678,282	176,328	222,027	11,315,639	22,979,103
Maintenance .....	5,678,244	1,219,519	227,295	326,579	131,077	162,375	7,745,089	16,023,533
General services and administration:								
Passenger service .....	2,891,364	1,029,758	38,973	62,997	19,862	54,087	4,097,041	8,587,106
Aircraft and traffic servicing .....	5,020,566	1,201,229	104,894	374,202	53,846	95,652	6,850,389	13,883,312
Promotion and sales .....	4,712,697	1,866,947	13,831	93,487	104,260	27,820	6,819,042	13,778,576
General administration .....	1,330,762	502,693	31,862	137,324	40,270	43,189	2,086,100	4,212,135
Totals .....	13,955,389	4,600,627	189,560	668,010	218,238	220,748	19,852,572	40,461,129
Depreciation and amortization .....	3,309,857	284,789	47,413	161,412	10,415	48,305	3,862,191	7,725,697
Total operating expenses .....	30,157,213	8,916,673	677,809	1,834,283	536,058	653,455	42,775,491	87,189,462
Operating income (loss) .....	Dr. 10,649	Dr. 265,394	Dr. 46,734	Dr. 45,945	Dr. 71,264	Dr. 156,924	Dr. 596,910	Dr. 1,627,366
Non-operating income - Net:								
Capital gains and losses .....	-	-	50	-	-	-	50	Dr. 5,945
Interest and discounts .....	461,439	37,987	2,247	21,821	-	-	523,494	1,141,257
Miscellaneous non-operating income ..	2,354	64,627	-	2,991	Dr. 1,218	Dr. 161	60,661	Dr. 123,511
Income before interest expense .....	453,144	Dr. 292,034	Dr. 44,437	Dr. 21,133	Dr. 72,482	Dr. 157,085	Dr. 134,027	Dr. 615,565
Interest expense .....	1,799,470	318,714	36,875	88,466	43,586	30,258	2,311,369	4,721,766
Income before income taxes .....	Dr. 1,346,326	Dr. 610,748	Dr. 81,312	Dr. 103,599	Dr. 116,068	Dr. 187,343	Dr. 2,445,396	Dr. 5,337,331
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 1,346,326	Dr. 610,748	Dr. 81,312	Dr. 103,599	Dr. 116,068	Dr. 187,343	Dr. 2,445,396	Dr. 5,337,331

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

February 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....	No.								
Hours flown .....	21,960	4,675	26,635	1,076	1,574	1,320	1,161	5,131	31,766
Miles scheduled .....	7,439,736	1,875,494	9,315,230	41,982	331,184	257,337	137,240	767,743	10,082,973
Miles flown:									
Scheduled - Regular .....	7,232,144	1,857,959	9,090,103	31,503	319,909	214,504	137,240	703,156	9,793,259
Extra sections .....	209,306	26,286	235,592	5,216	14,206	-	361	19,783	255,375
Non-scheduled .....	-	-	-	130,627	-	-	72,449	203,076	203,076
Totals .....	7,441,450	1,884,245	9,325,695	167,346	334,115	214,504	210,050	926,015	10,251,710
Ratio of regular miles flown to miles scheduled .....	97.2	99.1	97.6	75.0	96.6	83.4	100.0	91.6	97.1
Passengers carried .....	No.								
Passengers carried .....	491,991	80,839	572,830	6,313	35,641	12,632	11,149	65,735	638,565
Goods carried:									
Freight .....	14,323,783	2,283,438	16,607,221	710,629	424,760	240,331	170,814	1,546,534	18,153,755
Express .....	1,470,555	149,786	1,620,341	13,887	69,662	-	31,306	114,855	1,735,196
Excess baggage .....	24,419	24,419	48,838	17,327	32,942	26,970	-	77,239	101,658
Mail .....	4,103,873	397,059	4,500,932	222,049	155,975	73,296	34,516	485,836	4,986,768
Totals .....	19,898,211	2,854,702	22,752,913	963,892	683,339	340,597	236,636	2,224,464	24,977,377
Passenger-miles:									
Scheduled .....	404,208,442	128,306,876	532,515,318	365,117	8,772,018	3,779,866	2,602,066	15,519,067	548,034,385
Non-scheduled .....	-	-	-	2,032,343	-	-	953,970	3,006,313	3,006,313
Totals .....	404,208,442	128,306,876	532,515,318	2,417,460	8,772,018	3,779,866	3,556,036	18,525,380	551,040,698
Available seat-miles on scheduled services .....	763,509,492	273,664,398	1,037,173,890	1,320,917	21,553,476	6,859,398	6,080,414	35,814,205	1,072,988,095
Passenger load factor on scheduled services .....	52.9	46.9	51.3	27.6	40.7	55.1	42.8	43.3	51.1
Goods ton-miles:									
Freight - Scheduled .....	No.								
Freight - Scheduled .....	15,185,758	3,702,768	18,888,526	17,660	176,537	62,160	29,883	286,240	19,174,766
Non-scheduled .....	-	-	-	149,088	-	-	24,587	173,675	173,675
Totals .....	15,185,758	3,702,768	18,888,526	166,748	176,537	62,160	54,470	459,915	19,348,441
Express - Scheduled .....	625,902	62,960	688,862	524	24,007	-	4,447	28,978	717,840
Non-scheduled .....	-	-	-	1,406	-	-	1,677	3,083	3,083
Totals .....	625,902	62,960	688,862	1,930	24,007	-	6,124	32,061	720,923

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

February 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles - Concluded:									
Excess baggage - Scheduled .....	..	42,115	42,115	384	6,415	5,782	-	12,581	54,696
Non-scheduled ..	..	-	-	4,557	-	-	-	4,557	4,557
Totals .....	..	42,115	42,115	4,941	6,415	5,782	-	17,138	59,253
Mail - Scheduled .....	2,059,113	446,797	2,505,910	7,085	53,986	8,029	5,194	74,294	2,580,204
Non-scheduled ..	-	-	-	43,427	-	-	6,475	49,902	49,902
Totals .....	2,059,113	446,797	2,505,910	50,512	53,986	8,029	11,669	124,196	2,630,106
Total - Scheduled .....	17,870,773	4,254,640	22,125,413	25,653	260,945	75,971	39,524	402,093	22,527,506
Non-scheduled ..	-	-	-	198,478	-	-	32,739	231,217	231,217
Totals .....	17,870,773	4,254,640	22,125,413	224,131	260,945	75,971	72,263	633,310	22,758,723
Available ton-miles on scheduled services .....	123,928,842	38,444,482	162,373,324	162,225	2,649,243	686,571	661,620	4,159,659	166,532,983
Weight load factor on scheduled services(3) .....	47.0	44.4	46.4	38.3	43.0	66.1	45.3	47.0	46.4
Bulk:									
Departures .....	142	34	176	944	227	4	116	1,291	1,467
Hours flown .....	335	161	496	853	742	4	356	1,955	2,451
Miles flown .....	114,523	74,651	189,174	79,979	267,825	848	61,459	410,111	599,285
Passengers carried .....	2,635	1,903	4,538	1,360	5,593	21	811	7,785	12,323
Freight carried .....	597,022	9,750	606,772	202,287	1,862,151	-	390,108	2,654,526	3,061,318
Passenger-miles(4) .....	3,588,451	6,382,161	9,970,612	521,090	12,277,715	14,154	811,068	13,624,027	23,594,639
Goods ton-miles(4) .....	1,063,809	2,150	1,065,959	33,627	581,465	-	159,291	774,383	1,840,342
Revenue non-transportation services: Specialty flying - Hours flown .....	17	-	17	79	-	-	-	79	96
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) .....	22,312	4,836	27,148	2,008	2,316	1,324	1,517	7,165	34,313
Hours flown .....	7,555,973	1,938,896	9,514,869	247,323	601,940	215,352	271,509	1,336,126	10,850,995
Miles flown .....	494,626	82,742	577,368	7,673	41,234	12,653	11,960	73,520	650,888
Passengers carried .....	16,391,360	2,442,974	18,834,334	926,803	2,356,573	240,331	592,228	4,115,935	22,950,269
Cargo carried .....	20,495,233	2,864,452	23,359,685	1,166,179	2,545,490	340,597	626,744	4,679,010	28,038,695
Goods carried .....	407,796,893	134,689,037	542,485,930	2,938,550	21,049,733	3,794,020	4,367,104	32,149,407	574,635,337
Passenger-miles(4) .....	18,934,582	4,256,790	23,191,372	257,758	842,410	75,971	231,554	1,407,693	24,599,065
Goods ton-miles(4) .....									

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

February 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown .....	799	312	1,111	147	172	33	22	374	1,485
Passengers carried .....									
Goods carried .....									
Passenger-miles .....									
Goods ton-miles .....									
Fuel and oil consumed:									
Turbo fuel - Quantity .....	21,628,579	6,319,279	27,947,858	126,405	860,008	226,800	213,385	1,426,598	29,374,456
Cost .....	3,306,368	1,019,935	4,326,323	27,809	186,718	47,628	46,954	289,109	4,615,432
Gasoline - Quantity .....	-	144,221	144,221	116,905	283,444	19,735	97,495	517,579	661,800
Cost .....	-	42,359	42,359	40,104	107,021	6,512	40,979	194,616	236,975
Turbo oil - Quantity .....	2,963	627	3,590	72	354	645	6	1,077	4,667
Cost .....	27,000	6,524	33,524	1,080	4,602	2,258	60	8,000	41,524
Other oil - Quantity .....	-	1,407	1,407	1,796	2,849	525	2,793	7,963	9,370
Cost .....	-	2,187	2,187	2,245	3,561	420	3,297	9,523	11,710
Average number of employees:									
Pilots and co-pilots .....	1,140	367	1,507	66	130	55	52	303	1,810
Other flight personnel .....	1,449	459	1,908	28	112	21	39	200	2,108
General management .....	100	134	234	21	121	64	21	227	461
Maintenance labour .....	3,447	729	4,176	225	234	112	118	689	4,865
Aircraft and traffic servicing .....	5,785	1,719	7,504	120	209	131	106	566	8,070
Other personnel .....	4,818	1,086	5,904	53	78	11	62	204	6,108
Total employees .....	16,739	4,494	21,233	513	884	394	398	2,189	23,422
Salaries and wages:									
Pilots and co-pilots .....	1,732,698	505,547	2,238,245	59,370	169,047	112,212	51,012	391,641	2,629,886
Other flight personnel .....	809,382	290,935	1,100,317	10,666	34,983	15,825	16,246	77,720	1,178,237
General management .....	247,537	137,956	385,493	24,087	78,403	77,054	21,687	201,231	586,724
Maintenance labour .....	2,341,502	486,892	2,828,394	114,656	183,238	129,005	66,060	492,959	3,321,353
Aircraft and traffic servicing .....	3,515,504	888,249	4,403,753	52,478	97,837	141,442	46,007	337,764	4,741,517
Other personnel .....	3,386,216	526,383	3,912,599	21,009	26,477	22,213	28,815	98,514	4,011,113
Total salaries and wages .....	12,033,039	2,835,962	14,869,001	282,266	589,985	497,751	229,827	1,599,829	16,468,830

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

February 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	424,603	68,247	4,835	35,641	12,632	11,149	557,107
Domestic interline .....	67,388	7,259	1,478	-	-	-	81,941
Foreign interline .....		5,546	-	-	-	-	
Totals(2) .....	491,991	81,052	6,313	35,641	12,632	11,149	638,778
<b>Express carried:</b>							
Originated .....	1,470,555	156,199	13,887	69,662	-	31,306	1,741,609
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,470,555	156,199	13,887	69,662	-	31,306	1,741,609
<b>Freight carried:</b>							
Originated .....	14,323,783	2,554,944	710,629	424,760	240,331	170,814	18,425,261
Domestic interline .....	-	27,951	-	-	-	-	27,951
Foreign interline .....	-	110,690	-	-	-	-	110,690
Totals(2) .....	14,323,783	2,693,585	710,629	424,760	240,331	170,814	18,563,902
<b>Excess baggage carried:</b>							
Originated .....	..	24,754	17,327	32,942	26,970	-	101,993(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	24,754	17,327	32,942	26,970	-	101,993(3)
<b>Mail carried:</b>							
Originated .....	4,103,873	412,180	222,049	155,975	73,296	34,516	5,001,889
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,103,873	412,180	222,049	155,975	73,296	34,516	5,001,889

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
February 1969

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
<b>Unit toll: Group I &amp; II Carriers</b>							
Departures .....	2,044	699	1,214	179	4,136	12,997	17,133
Hours flown .....	3,085	3,103	3,494	1,086	10,768	15,867	26,635
Miles scheduled .....	1,040,536	1,430,912	1,526,815	511,571	4,509,834	4,805,396	9,315,230
<b>Scheduled - Regular .....</b>	<b>968,963</b>	<b>1,392,006</b>	<b>1,521,709</b>	<b>511,513</b>	<b>4,394,191</b>	<b>4,695,912</b>	<b>9,090,103</b>
Extra sections .....	16,770	41,856	15,211	25,498	99,335	136,257	235,592
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	985,733	1,433,862	1,536,920	537,011	4,493,526	4,832,169	9,325,695
Ratio of regular miles flown to miles scheduled .....	93.1	97.3	99.7	100.0	97.4	97.7	97.6
<b>Passengers carried .....</b>	<b>No.</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>192,958</b>	<b>379,872</b>	<b>572,830</b>
Cargo carried .....	1b.	..	..	..	8,776,545	9,475,436	18,251,981
Mail carried .....	"	..	..	..	670,579	3,830,353	4,500,932
<b>Passenger-miles .....</b>	<b>No.</b>	<b>48,706,308</b>	<b>122,710,813</b>	<b>47,145,845</b>	<b>283,566,242</b>	<b>248,949,076</b>	<b>532,515,318</b>
Available seat-miles on scheduled services .....	"	100,991,974	202,302,215	99,213,659	580,913,764	456,260,126	1,037,173,890
Passenger load factor on scheduled services .....		48.2	60.7	47.5	48.8	54.6	51.3
<b>Goods ton-miles:</b>							
Express .....	No.	54,204	-	-	54,204	634,658	688,862
Freight .....	"	884,291	9,147,087	1,647,575	12,762,667	6,125,859	18,888,526
Excess baggage .....	"	-	13,320	20,969	41,141	974	42,115
Mail .....	"	67,562	303,631	179,943	784,951	1,720,959	2,505,910
Totals .....	"	1,006,057	9,464,038	1,848,487	13,642,963	8,482,450	22,125,413
Available ton-miles on scheduled service ....	"	14,313,685	32,504,160	30,194,984	91,077,452	71,295,872	162,373,324
Weight load factor on scheduled services(1) .....		41.1	49.1	46.8	46.1	46.8	46.4
<b>Bulk: Group I - IV Carriers</b>							
Departures .....	No.	317	53	15	441	..	..
Hours flown .....	"	502	245	51	1,082	..	..
Miles flown .....	"	107,113	115,874	22,802	413,539	..	..
Passengers carried .....	"	3,089	4,106	459	13,733	..	..
Goods carried .....	1b.	29,058	541,367	55,655	626,080	..	..
Passenger-miles(2) .....	No.	2,313,169	15,362,275	1,297,468	34,620,847	..	..
Goods ton-miles(2) .....	"	8,042	812,815	144,258	965,115	..	..
<b>Total: (Groups I &amp; II U.T. Groups I - IV Bulk)</b>							
Departures .....	"	2,361	752	1,229	4,577	..	..
Hours flown .....	"	3,587	3,348	3,545	11,850	..	..
Miles flown .....	"	1,092,846	1,549,736	1,559,722	4,907,065	..	..
Passengers carried .....	"	..	..	..	206,691	..	..
Goods carried .....	1b.	..	..	..	10,073,204	..	..
Passenger-miles(2) .....	No.	51,019,477	80,365,551	124,008,281	318,187,089	..	..
Goods ton-miles(2) .....	"	1,014,099	10,276,853	1,992,745	14,608,087	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

February 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	140,553	132,792	273,345	16,369	19,449	35,818
Bulk ..... "	754	464	1,218	1,281	670	1,951
Totals ..... "	141,307	133,256	274,563	17,650	20,119	37,769
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	1,744,485	4,500,940	6,245,425	2,769,572	6,274,583	9,044,155
Bulk ..... "	-	-	-	382,625	158,742	541,367
Totals ..... "	1,744,485	4,500,940	6,245,425	3,152,197	6,433,325	9,585,522
Mail carried (unit toll) ..... "	217,279	766,646	983,925	175,649	225,330	400,979
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	25,577	22,782	48,359	182,499	175,023	357,522
Bulk ..... "	1,019	867	1,886	3,054	2,001	5,055
Totals ..... "	26,596	23,649	50,245	185,553	177,024	362,577
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	552,838	524,312	1,077,150	5,066,895	11,299,835	16,366,730
Bulk ..... "	55,655	-	55,655	438,280	158,742	597,022
Totals ..... "	608,493	524,312	1,132,805	5,505,175	11,458,577	16,963,752
Mail carried (unit toll) ..... "	122,760	78,589	201,349	515,688	1,070,565	1,586,253
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	95,713	91,399	187,112	86,786	83,624	170,410
Bulk ..... "	2,323	1,948	4,271	731	53	784
Totals ..... "	98,036	93,347	191,383	87,517	83,677	171,194
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	2,761,809	5,385,428	8,147,237	2,305,086	5,914,407	8,219,493
Bulk ..... "	438,280	158,742	597,022	-	-	-
Totals ..... "	3,200,089	5,544,170	8,744,259	2,305,086	5,914,407	8,219,493
Mail carried (unit toll) ..... "	345,321	296,086	641,407	170,367	774,479	944,846

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

February 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	9,295	196,568	15,557	331,907	908	62,382	1,646	108,852
Recreational flying .....	997	22,310	1,769	39,906	42	4,370	42	4,370
Aerial photography and survey(1) ...	766	86,542	1,082	131,238	34	6,645	44	10,735
Aerial photography .....	24	930	44	1,477	5	875	6	1,009
Aerial inspection, reconnaissance and advertising(2) .....	941	105,223	1,416	166,241	702	91,341	1,331	174,926
Aerial application & distribution(3) ..	-	-	-	-	-	-	-	-
Aerial control .....	130	30,887	233	60,477	-	-	-	-
Aerial construction .....	-	-	-	-	-	-	-	-
Air ambulance and mercy services ...	17	1,926	17	1,926	4	646	7	1,126
Aircraft rental .....	1,417	24,356	2,331	41,322	121	7,964	254	16,683
Non-transportation charter .....	42	3,405	61	4,429	44	11,026	132	28,160
Totals .....	13,629	472,147	22,510	778,923	1,860	185,249	3,462	345,861

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

February 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 21	...	10	...	31	...
Helicopters - Owned .....	" 222	220	32	32	254	252
Leased .....	" 19	15	3	4	22	19
Totals .....	" 241	235	35	36	276	271
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 3,169	5,783	410	695	3,579	6,478
Specialty .....	" 1,402	2,689	458	773	1,860	3,462
Totals .....	" 4,571	8,472	868	1,468	5,439	9,940
Non-revenue hours flown .....	" 387	605	115	143	502	748
Fuel and oil consumed:						
Gasoline .....	gal. 88,724	164,345	14,953	23,797	103,677	188,142
Cost .....	\$ 42,477	75,908	6,852	10,810	49,329	86,718
Oil .....	gal. 2,117	3,685	199	316	2,316	4,001
Cost .....	\$ 3,527	6,014	358	593	3,885	6,607
Average number of employees:						
Pilots .....	No. 214	205	22	19	236	224
Administrative .....	" 130	130	1	1	131	131
Maintenance labour .....	" 237	233	12	13	249	246
Other personnel .....	" 27	27	3	1	30	28
Totals .....	" 608	595	38	34	646	629
Salaries and wages:						
Pilots .....	\$ 162,820	316,518	15,360	26,972	178,180	343,490
Administrative .....	\$ 93,219	178,513	600	1,200	93,819	179,713
Maintenance labour .....	\$ 151,482	294,029	7,270	14,888	158,752	308,917
Other personnel .....	\$ 14,814	27,935	1,896	1,896	16,710	29,831
Totals .....	\$ 422,335	816,995	25,126	44,956	447,461	861,951

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
February 1969

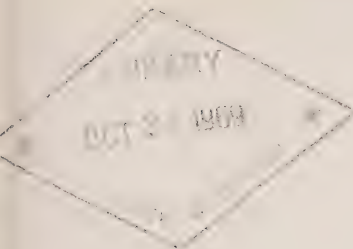
	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	461,576	833,105
Total transportation .....	461,576	833,105
Other flying services .....	130,473	241,940
Total flying services .....	592,049	1,075,045
Non-flying services .....	21,792	53,333
Total operating revenues .....	613,841	1,128,378
Operating expenses:		
Flying operations .....	416,856	749,690
Maintenance .....	432,488	762,190
General service and administration .....	142,909	297,188
Depreciation and amortization .....	114,832	220,878
Total operating expenses .....	1,107,085	2,029,946
Operating income (deficit) .....	Dr. 493,244	Dr. 901,568
Non-operating income:		
Capital gains and losses .....	Dr. 644	Dr. 664
Interest and discounts .....	1,479	4,105
Miscellaneous non-operating income .....	Dr. 7	Dr. 301
Income before interest expense .....	Dr. 492,416	Dr. 898,428
Interest expense .....	38,902	71,717
Income before income taxes .....	Dr. 531,318	Dr. 970,145
Provision for income taxes .....	300	600
Net income after income taxes .....	Dr. 531,618	Dr. 970,745

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. Transportation is performed at premium rates.
- Freight: Property carried at standard rates.
- Goods: Cargo, mail and excess baggage.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group II by the Air Transport Committee for regulatory purposes but for statistical purposes this carrier is shown as being in Group III.)
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mile: Statute mile of 5,280 ft.

- Non-scheduled carrier: An airline operating unit toll transportation services under authority of a Class 2, 9-2, 3 or 9-3 licence on a regular or irregular basis between specific points. Carriers providing any services under authority of a Class 1 and Class 8 licence are excluded from this category.
- Pacific and Orient services: Services between Canada and points in the Pacific Ocean, Orient and Australasia.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.
- Scheduled carrier: An airline with a Class 1 or Class 8 licence serving designated points in accordance with a service schedule and at a toll per unit. (Group I and Group II carriers.)
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South America.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii.
- Unit toll transportation: Includes transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a toll per unit.
  - Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a toll per unit.
  - Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base within a defined or specific points at a toll per unit.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.





# CIVIL AVIATION

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

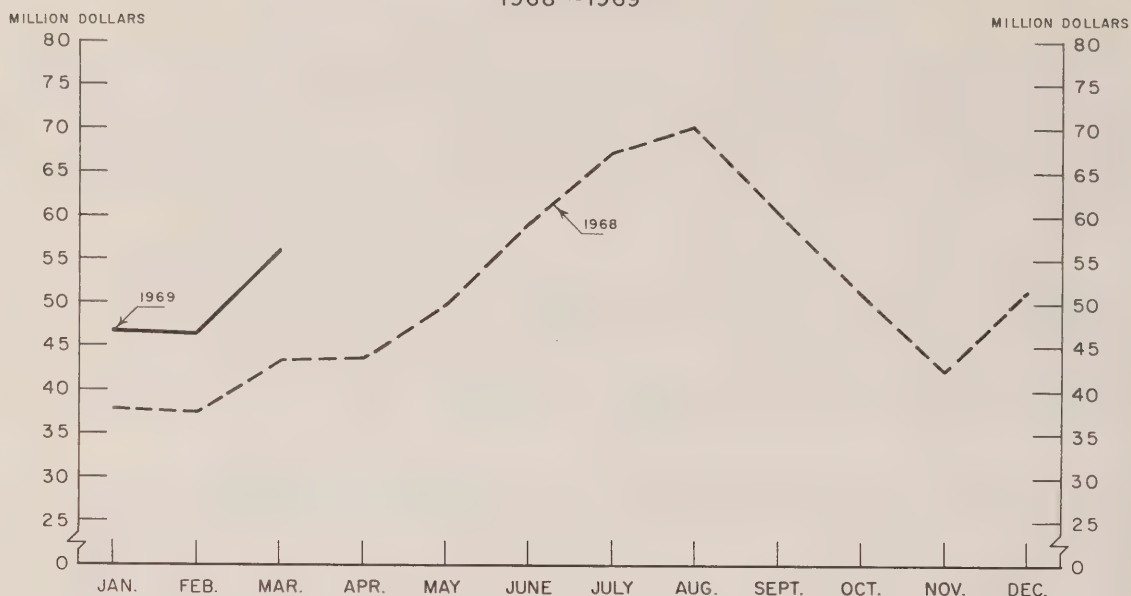
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

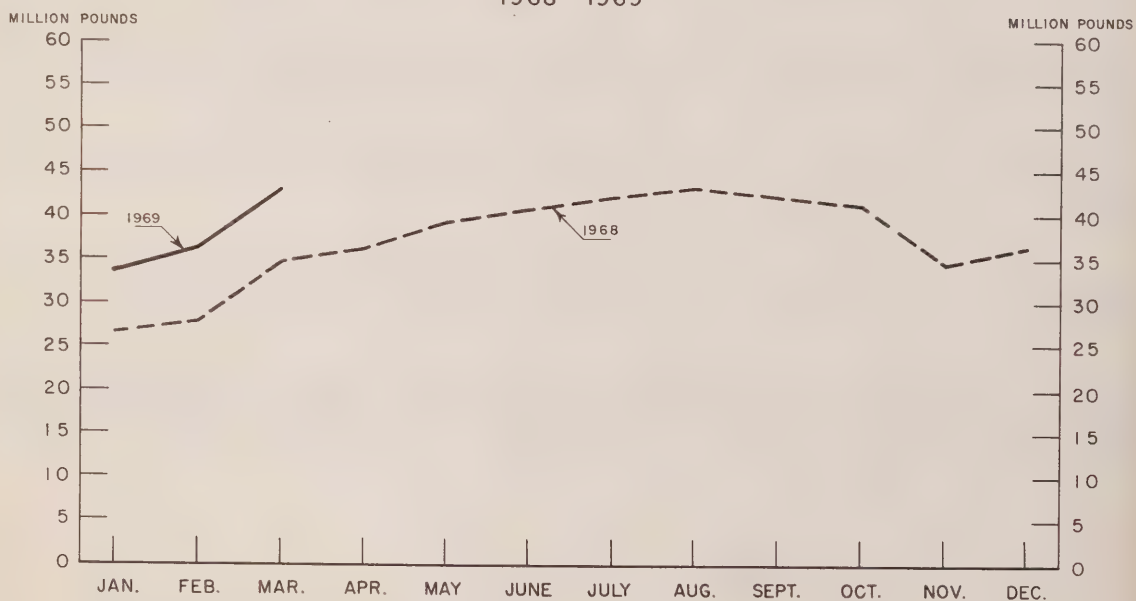
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF MARCH OPERATIONS

The transportation services of group I to IV Canadian carriers showed considerable increases during the month of March 1969 compared to the month of March 1968. Reported unit toll passenger-miles went up by 19.6% to 694 million and goods ton-miles increased by 64.4% to 26 million ton-miles. For the scheduled carriers the overall weight load factor increased from 45.8% to 49.8%.

This favourable development is reflected in the financial position of the carriers. Total operating revenues for the four groups were up 29.3% whereas total operating expenses increased by 17.9%. Thus, overall the four groups showed an income of \$4.2 million on their March operations compared to a deficit of \$0.7 million in March last year.

However, a scrutiny of the individual groups will reveal marked differences between group totals. The higher income position of the scheduled air carrier operations can be seen from the fact that operating income changed from a deficit of \$0.2 million in March 1968 to a plus figure of \$4.6 million in March 1969. Although showing traffic increases the expenses of groups II, III and IV carriers kept pace with increases in revenues, leaving these groups with the \$0.2 - 0.5 million deficits they showed for the same period last year. Thus traffic increases resulted in improved financial position only for the scheduled carriers. International passenger traffic reported by Canadian carriers showed particularly large increases in the Transborder and Southern sectors. The proportional breakdown of international unit toll passenger-miles is as follows:

<u>Area</u>	<u>Percentage of passenger-miles</u>	
	<u>March 1969</u>	<u>March 1968</u>
Transborder .....	19.5	17.7
Trans-Atlantic and Polar .....	25.1	27.4
Southern .....	42.9	38.1
Pacific and Orient .....	12.5	16.8
Total .....	100.0	100.0

These variations in passenger-miles between the two periods to a certain extent reflect the introduction of new Transborder routes by Canadian carriers.

The number of hours of specialty flying by group I to IV carriers showed an increase of less than 2% during March 1969 compared to March 1968. The year-to-date figures showed a slight decrease in hours flown. However, the revenues for this type of service for the month were up by 21.7%.

Included in this publication are the quarterly figures of the Group V carriers. Their specialty flying operations decreased from 58,079 hours in the first quarter of 1968 to 55,215 hours flown in the first quarter of 1969. In spite of this decrease in specialty activity the tonnage of goods carried increased by 86.4% and the number of passengers grew by 30%. Although the total number of revenue hours flown by Group V carriers remained almost unchanged compared to the figures reported for the same period in 1968 there was a change from specialty flying to transportation flying in so far as the type of activity was concerned.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

March 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	36	72	108	114	11	11	136	...	
Revenue transportation services:										
Unit toll:										
Departures(9) .....										
Hours flown .....	35,917	3,813	1,737	5,550	41,467	544	1,666	43,677	122,534	
Miles scheduled .....	11,202,672	...	...	...	11,202,672	193,222	1,062,745	12,458,639	35,086,033	
Miles flown:(4)										
Scheduled .....	11,528,770	533,902	163,699	697,601	11,528,770	190,373	1,062,465	12,781,608	35,699,721	
Non-scheduled .....	199,040	533,902	163,699	697,601	896,641	-	-	896,641	2,536,395	
Totals .....	11,727,810	533,902	163,699	697,601	12,425,411	190,373	1,062,465	13,678,249	38,236,116	
Passengers carried .....	768,598	14,006	5,190	19,196	787,794	150,949	34,491	973,234	2,663,359	
Goods carried:										
Cargo .....	22,759,960	1,148,554	147,260	1,295,814	24,055,774	3,082,437	5,974,704	33,256,957	90,595,565	
Excess baggage(5) .....	97,727	42,335	3,980	46,315	144,042	732,402	290,241	6,999,073	19,742,264	
Mail .....	5,437,520	492,088	46,822	538,910	5,976,430	3,814,839	6,264,945	40,256,030	110,337,829	
Totals .....	28,295,207	1,682,977	198,062	1,881,039	30,176,246	7,636,323	26,398,586	727,702,085	1,950,475,096	
Passenger-miles .....	688,875,739	2,721,362	2,070,075	4,791,437	693,667,176					
Goods ton-miles:										
Cargo .....	22,376,619	344,160	288,249	632,409	23,009,028	94,435	2,204,852	25,381,600	66,252,280	
Excess baggage(5) .....	68,028	4,905	352	5,257	73,285	21,966	116,279	3,233,321	9,017,051	
Mail .....	2,997,915	93,640	3,521	97,161	3,095,076	116,401	2,321,131	28,614,921	75,269,331	
Totals .....	25,442,562	442,705	292,122	734,827	26,177,389					
Bulk:										
Departures .....	1,298	11,323	11,298	22,621	23,919	..	..	..	..	
Hours flown .....	2,727	14,359	8,872	23,231	25,958	1	16	25,975	62,292	
Miles flown .....	663,567	1,445,615	997,988	2,443,603	3,107,170	565	7,540	3,115,275	7,660,503	
Passengers carried .....	13,603	29,879	17,184	47,063	60,666	430	1,610	62,706	154,730	
Freight carried .....	4,106,497	6,384,591	2,403,566	8,788,157	12,894,654	-	2,136	12,896,790	30,045,480	
Passenger-miles(6) .....	27,795,983	26,438,386	585,436	27,023,822	54,819,805	..	..	..	..	
Goods ton-miles(6) .....	3,272,011	552,424	2,025	554,449	3,826,460	..	..	..	..	
Revenue non-transportation services:										
Specialty flying - Hours flown "	169	4,028	14,314	18,342	18,511	-	-	18,511	44,486	

See footnotes at end of table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

March 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)	Total	Group III (1)	Group IV	Total		
	dollars							
Operating revenues:								
Unit toll transportation:								
Passengers .....	38,350,985	1,901,954	40,252,939	406,328	89,765	496,093	40,749,032	109,618,343
Express .....	812,505	44,354	856,859	8,640	2,152	10,792	867,651	2,422,816
Freight .....	4,432,222	311,324	4,743,546	192,261	15,795	208,056	4,951,802	15,952,988
Excess baggage .....	189,827	26,358	216,185	7,464	441	7,905	224,090	612,928
Mail .....	1,974,294	184,667	2,158,961	126,821	139,291	266,112	2,298,252	6,555,931
Total unit toll transportation ..	45,759,833	2,468,857	48,228,690	741,514	120,623	862,137	49,090,827	132,163,006
Bulk transportation .....	554,856	1,124,078	1,678,934	2,806,867	905,542	3,712,409	5,391,343	12,799,561
Total transportation .....	46,314,689	3,592,935	49,907,624	3,548,381	1,026,165	4,574,546	54,482,170	144,962,567
Other flying services .....	7,414	6,745	14,159	355,582	446,972	802,554	816,713	1,979,237
Total flying services .....	46,322,103	3,599,680	49,921,783	3,903,963	1,473,137	5,377,100	55,298,883	146,941,804
Non-flying services .....	466,284	79,321	545,605	97,530	225,792	323,322	868,927	2,317,205
Total operating revenues .....	46,788,387	3,679,001	50,467,388	4,001,493	1,698,929	5,700,422	56,167,810	149,259,009
Operating expenses:								
Flying operations .....	10,945,991	1,331,714	12,277,705	1,859,080	791,434	2,650,514	14,928,219	42,013,434
Maintenance .....	7,277,380	987,610	8,264,990	1,220,844	612,326	1,833,170	10,098,160	29,279,421
General services and administration:								
Passenger service .....	4,476,300	178,186	4,654,486	..	..	..	..	..
Aircraft and traffic servicing .....	6,668,820	7,337,299	14,006,119	..	..	..	..	..
Promotion and sales .....	7,227,377	256,176	7,483,553	..	..	..	..	..
General administration .....	1,867,609	336,929	2,204,538	..	..	..	..	..
Totals .....	20,240,106	1,439,770	21,679,876	906,267	422,196	1,328,463	23,008,339	65,728,698
Depreciation and amortization .....	3,762,402	280,013	4,042,415	511,947	242,621	754,568	4,796,983	13,747,111
Total operating expenses .....	42,225,879	4,039,107	46,264,986	4,498,138	2,068,577	6,566,715	52,831,701	150,768,664
Operating income (loss) .....	4,562,508	Dr. 360,106	4,202,402	Dr. 496,645	Dr. 369,648	866,293	3,336,109	Dr. 1,509,655
Non-operating income - Net:								
Capital gains and losses .....	1,500	23,531	22,031	344,004	1,969	342,035	320,004	364,010
Interest and discounts .....	730,813	23,820	754,633	3,115	1,447	4,562	759,195	1,915,704
Miscellaneous non-operating income ..	146,678	10,398	157,076	900	2,037	2,937	154,139	113,040
Income before interest expense .....	5,441,499	Dr. 349,419	5,092,080	Dr. 150,426	Dr. 372,207	522,633	4,569,447	883,099
Interest expense .....	2,441,654	252,048	2,693,702	284,380	49,731	334,111	3,027,813	8,191,596
Income before income taxes .....	2,999,845	Dr. 601,467	2,398,378	Dr. 434,806	Dr. 421,938	856,744	1,541,634	Dr. 7,308,497
Provision for income taxes .....	-	-	-	23,171	6,049	29,220	29,220	51,305
Net income after income taxes .....	2,999,845	Dr. 601,467	2,398,378	Dr. 457,977	Dr. 427,987	885,964	1,512,414	Dr. 7,359,802

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

March 1969

- 11 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	30,737,085	7,613,900	320,581	829,778	432,113	319,482	40,252,939	108,359,222
Express .....	740,654	71,851	5,264	28,977	-	10,113	856,859	2,394,736
Freight .....	3,546,345	885,877	74,105	118,000	90,752	28,667	4,743,746	12,392,011
Excess baggage .....	138,663	51,164	7,590	9,827	7,833	1,108	216,185	590,065
Mail .....	1,441,712	532,582	77,693	64,245	22,967	19,762	2,158,981	6,138,185
Total unit toll transportation ..	36,604,459	9,155,374	485,233	1,050,827	553,665	379,132	48,228,690	129,874,219
Bulk transportation .....	277,478	277,378	147,481	869,240	1,178	106,179	1,678,924	4,349,738
Total transportation .....	36,881,937	9,432,752	632,714	1,920,067	554,843	485,311	49,907,634	134,223,957
Other flying services .....	7,414	-	6,745	-	-	-	14,159	66,221
Total flying services .....	36,889,351	9,432,752	639,459	1,920,067	554,843	485,311	49,921,783	134,290,178
Non-flying services .....	320,643	145,641	71,847	-	355	7,119	545,605	1,739,306
Total operating revenues .....	37,209,994	9,578,393	711,306	1,920,067	555,198	492,430	50,467,388	136,029,484
Operating expenses:								
Flying operations .....	7,851,984	3,094,007	230,962	722,522	200,374	177,856	12,277,705	35,256,808
Maintenance .....	5,984,777	1,292,603	305,314	382,502	140,064	159,730	8,264,990	24,288,523
General services and administration:								
Passenger service .....	3,453,798	1,022,502	46,742	62,841	18,647	49,956	4,654,486	13,241,592
Aircraft and traffic servicing .....	5,514,829	1,153,991	147,430	387,447	33,558	98,044	7,337,299	21,220,611
Promotion and sales .....	5,218,001	2,009,376	17,605	89,743	120,151	28,677	7,483,553	21,262,129
General administration .....	1,340,341	527,068	50,424	156,172	49,209	81,324	2,204,538	6,416,673
Totals .....	15,527,169	4,712,937	262,001	696,203	223,565	258,001	21,679,876	62,141,005
Depreciation and amortization .....	3,438,275	324,127	54,895	161,752	14,658	48,708	4,042,415	11,768,112
Total operating expenses .....	32,802,205	9,423,674	853,172	1,962,979	578,661	644,295	46,264,986	133,454,448
Operating income (loss) .....	4,407,789	154,719	Dr.	42,912	Dr.	151,865	4,202,402	2,575,036
Non-operating income - Net:								
Capital gains and losses .....	1,500	-	Dr.	350	-	-	22,031	Dr.
Interest and discounts .....	691,283	39,530	54	23,766	-	-	754,633	1,895,890
Miscellaneous non-operating income ..	224,274	Dr.	-	6,013	5,557	1,172	157,076	33,565
Income before interest expense .....	5,324,846	116,653	Dr.	12,783	Dr.	153,037	5,092,080	4,476,515
Interest expense .....	2,129,943	311,711	42,601	122,967	54,933	31,547	2,693,702	7,415,468
Income before income taxes .....	3,194,903	Dr.	Dr.	135,750	Dr.	184,584	2,398,378	Dr.
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	3,194,903	Dr.	Dr.	135,750	Dr.	184,584	2,398,378	Dr.
Net income after income taxes .....								
Net income after income taxes .....								

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

March 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....	No.								
Hours flown .....	25,223	5,049	30,272	1,285	1,727	1,482	1,151	5,645	35,917
Miles scheduled .....	8,308,131	2,034,305	10,342,436	41,982	369,311	283,519	165,424	860,236	11,202,672
Miles flown:(1)									
Scheduled - Regular .....	8,193,504	2,019,020	10,212,524	40,164	354,069	246,104	164,876	805,213	11,017,737
Extra sections .....	433,756	46,127	479,883	5,964	23,161	-	2,025	31,150	511,033
Non-scheduled .....	-	-	-	158,401	-	-	40,639	199,040	199,040
Totals .....	8,627,260	2,065,147	10,692,407	204,529	377,230	246,104	207,540	1,035,403	11,727,810
Ratio of regular miles flown to miles scheduled .....	98.6	99.2	98.7	95.7	95.9	86.8	99.7	93.6	98.3
Passengers carried .....	607,365	90,637	698,002	8,293	37,561	13,519	11,223	70,596	768,598
Goods carried:									
Freight .....	16,993,432	2,480,753	19,474,185	685,198	181,125	337,222	168,382	1,371,927	20,846,112
Express .....	1,688,830	171,529	1,860,359	14,624	4,613	-	34,252	53,489	1,913,848
Excess baggage(2) .....	-	28,802	28,802	21,833	19,996	27,096	-	68,925	97,727
Mail .....	4,627,127	435,323	5,062,450	241,613	21,124	78,486	33,847	375,070	5,437,520
Totals .....	23,309,389	3,116,407	26,425,796	963,268	226,858	442,804	236,481	1,869,411	28,295,207
Passenger-miles:(1)									
Scheduled .....	527,052,226	141,008,257	668,060,483	477,327	9,552,420	4,228,269	3,227,314	17,485,330	685,545,813
Non-scheduled .....	-	-	-	2,906,039	-	-	423,887	3,329,926	3,329,926
Totals .....	527,052,226	141,008,257	668,060,483	3,383,366	9,552,420	4,228,269	3,651,201	20,815,256	688,875,739
Available seat-miles on scheduled services(1) .....	879,923,846	295,802,891	1,175,726,737	1,652,912	22,726,890	7,890,584	7,332,930	39,603,316	1,215,330,053
Passenger load factor on scheduled services(1) .....	59.9	47.7	56.8	28.9	42.0	53.6	44.0	44.2	56.4
Goods ton-miles:(1)									
Freight - Scheduled .....	17,243,138	3,814,051	21,057,189	21,406	241,195	62,069	34,301	358,971	21,416,160
Non-scheduled .....	-	-	-	129,670	-	-	11,502	141,172	141,172
Totals .....	17,243,138	3,814,051	21,057,189	151,076	241,195	62,069	45,803	500,143	21,557,332
Express - Scheduled(1) .....	715,620	71,104	786,724	520	23,870	-	5,839	30,229	816,953
Non-scheduled .....	-	-	-	1,822	-	-	512	2,334	2,334
Totals .....	715,620	71,104	786,724	2,342	23,870	-	6,351	32,563	819,287

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

March 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	47,276	47,276	198	7,430	6,764	-	14,392	61,668
Non-scheduled ....	..	-	-	6,360	-	-	-	6,360	6,360
Totals .....	..	47,276	47,276	6,558	7,430	6,764	-	20,752	68,028
Mail - Scheduled(1) .....	2,356,651	508,848	2,865,499	7,133	56,338	11,202	6,302	80,975	2,946,474
Non-scheduled .....	-	-	-	48,157	-	-	3,284	51,441	51,441
Totals .....	2,356,651	508,848	2,865,499	55,290	56,338	11,202	9,586	132,416	2,997,915
Total - Scheduled(1, 2) .....	20,315,409	4,441,279	24,756,688	29,257	328,833	80,035	46,442	484,567	25,241,255
Non-scheduled .....	-	-	-	186,009	-	-	15,298	201,307	201,307
Totals .....	20,315,409	4,441,279	24,756,688	215,266	328,833	80,035	61,740	685,874	25,442,562
Available ton-miles on scheduled services(1) .....	143,513,002	40,184,021	183,697,023	202,532	2,920,761	789,703	880,548	4,793,544	188,490,567
Weight load factor on scheduled services(1, 3) .....	50.9	46.1	49.8	38.0	44.0	63.7	41.9	46.6	49.8
Bulk:									
Departures .....	152	35	187	652	330	2	127	1,111	1,298
Hours flown .....	322	196	518	892	971	3	343	2,209	2,727
Miles flown .....	112,123	96,725	208,848	90,227	305,272	652	58,568	454,719	663,567
Passengers carried .....	2,864	3,097	5,961	1,668	5,259	36	679	7,642	13,603
Freight carried .....	979,999	-	979,999	272,639	2,450,182	-	403,677	3,126,498	4,106,497
Passenger-miles(4) .....	2,634,903	12,390,758	15,025,661	156,937	11,928,273	23,472	661,640	12,770,322	27,795,983
Goods ton-miles(4) .....	1,740,501	-	1,740,501	34,277	1,347,775	-	149,458	1,531,510	3,272,011
Revenue non-transportation services:									
Specialty flying - Hours flown .....	25	-	25	144	-	-	-	144	169
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) .....	25,570	5,245	30,815	2,321	2,698	1,485	1,494	7,998	38,813
Hours flown .....	8,739,383	2,161,872	10,901,255	294,756	682,502	246,756	266,108	1,490,122	12,391,377
Miles flown .....	610,229	93,734	703,963	9,961	42,820	13,555	11,902	78,238	782,201
Passengers carried .....	19,662,261	2,652,282	22,314,543	972,461	2,635,320	337,422	606,131	4,551,914	26,866,457
Goods carried(2) .....	24,289,388	3,116,407	27,405,795	1,235,907	2,677,040	442,804	640,158	4,995,909	32,401,704
Passenger-miles(4) .....	529,687,129	153,399,015	683,086,144	3,540,303	21,480,693	4,251,741	4,312,841	33,585,578	716,671,722
Goods ton-miles(2, 4) .....	22,055,910	4,441,279	26,497,189	249,543	1,676,608	80,035	211,198	2,217,384	28,714,573

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

March 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
<b>Total - All services - Concluded:</b>									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown ..... No.	1,009	440	1,449	114	188	20	64	386	1,835
Passengers carried ..... "									
Goods carried ..... lb.									
Passenger-miles ..... No.									
Goods ton-miles ..... "									
<b>Fuel and oil consumed:</b>									
Turbo fuel - Quantity ..... gal.	24,385,094	7,277,796	31,662,890	158,801	966,754	252,924	204,110	1,582,589	33,245,479
Cost ..... \$	3,692,749	1,181,041	4,873,790	34,936	187,142	53,114	45,024	320,216	5,194,006
Gasoline - Quantity ..... gal.	-	141,003	141,003	140,438	371,549	19,748	104,024	635,759	776,762
Cost ..... \$	-	41,504	41,504	48,144	152,862	6,517	44,687	252,210	293,714
Turbo oil - Quantity ..... gal.	3,825	692	4,517	86	378	495	6	965	5,482
Cost ..... \$	35,085	7,688	42,773	1,290	4,914	1,734	60	7,998	50,771
Other oil - Quantity ..... gal.	-	1,141	1,141	2,160	3,484	1,075	878	7,597	8,738
Cost ..... \$	-	1,141	1,141	2,700	4,355	860	1,144	9,059	10,200
<b>Average number of employees:</b>									
Pilots and co-pilots ..... No.	1,137	370	1,507	66	135	55	52	308	1,815
Other flight personnel ..... "	1,449	491	1,940	27	121	19	39	206	2,146
General management ..... "	102	127	229	21	132	63	21	237	466
Maintenance labour ..... "	3,456	739	4,195	228	245	116	118	707	4,902
Aircraft and traffic servicing ..... "	5,855	1,769	7,624	120	225	131	106	582	8,206
Other personnel ..... "	4,926	1,155	6,081	53	92	11	62	218	6,299
Total employees ..... "	16,925	4,651	21,576	515	950	395	398	2,258	23,834
<b>Salaries and wages:</b>									
Pilots and co-pilots ..... \$	1,782,280	517,149	2,299,429	59,045	144,498	55,276	49,313	308,132	2,607,561
Other flight personnel ..... \$	881,589	301,868	1,183,457	9,584	35,469	9,090	14,395	68,538	1,251,995
General management ..... \$	258,516	138,638	397,154	24,086	82,795	39,727	26,843	173,451	570,605
Maintenance labour ..... \$	2,491,167	493,361	2,984,528	113,818	188,917	57,017	68,041	427,793	3,412,321
Aircraft and traffic servicing ..... \$	3,965,833	895,976	4,861,809	52,339	110,974	73,551	48,909	285,773	5,147,582
Other personnel ..... \$	3,550,604	528,782	4,079,386	21,444	27,989	12,727	27,388	89,548	4,168,934
Total salaries and wages ..... \$	12,929,989	2,875,774	15,805,763	280,316	590,642	247,388	234,889	1,353,235	17,158,998

(1) Routes included in scheduled or non-scheduled services to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

March 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	517,946	75,682	40	37,561	13,519	11,223	655,971
Domestic interline .....	89,419	8,580	-	-	-	-	104,371
Foreign interline .....	607,365	6,372	-	-	-	-	760,342
Totals(2) .....		90,634	40	37,561	13,519	11,223	
<b>Express carried:</b>							
Originated .....	1,688,830	171,529	46	4,613	-	34,252	1,899,270
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,688,830	171,529	46	4,613	-	34,252	1,899,270
<b>Freight carried:</b>							
Originated .....	16,993,432	1,965,081	503	181,125	337,222	168,382	19,645,745
Domestic interline .....	-	46,731	-	-	-	-	46,731
Foreign interline .....	-	76,166	-	-	-	-	76,166
Totals(2) .....	16,993,432	2,087,978	503	181,125	337,222	168,382	19,768,642
<b>Excess baggage carried:</b>							
Originated .....	..	28,802	-	19,996	27,096	-	75,894(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	28,802	-	19,996	27,096	-	75,894(3)
<b>Mail carried:</b>							
Originated .....	4,627,127	422,771	4,266	21,124	78,486	33,847	5,187,621
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,627,127	422,771	4,266	21,124	78,486	33,847	5,187,621

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

March 1969

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,495	783	1,527	198	5,003	14,577	19,580
Hours flown .....	3,703	3,458	4,350	1,203	12,714	17,558	30,272
Miles scheduled .....	1,149,852	1,597,285	1,737,271	560,605	5,045,013	5,297,423	10,342,436
Miles flown:							
Scheduled - Regular .....	1,129,971	1,568,526	1,731,046	555,117	4,984,660	5,227,864	10,212,524
Extra sections .....	55,567	48,041	197,216	40,635	341,459	138,424	479,883
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,185,538	1,616,567	1,928,262	595,752	5,326,119	5,366,288	10,692,407
Ratio of regular miles flown to miles scheduled .....	98.3	98.2	99.6	99.0	98.8	98.7	98.7
Passengers carried .....	No.	..	..	..	269,871	428,131	698,002
Cargo carried .....	lb.	..	..	..	10,433,947	10,929,399	21,363,346
Mail carried .....	..	..	..	..	879,588	4,182,862	5,062,450
Passenger-miles .....	No.	93,693,209	160,593,019	46,622,980	373,768,112	294,292,371	668,060,483
Available seat-miles on scheduled services "	"	197,827,431	248,212,087	108,041,870	677,421,484	498,305,253	1,175,726,737
Passenger load factor on scheduled services		47.4	64.7	43.2	55.2	59.1	56.8
Goods ton-miles:							
Express .....	68,879	-	-	-	68,879	717,845	786,724
Freight .....	1,145,609	9,812,825	1,747,644	1,284,097	13,990,175	7,067,014	21,057,189
Excess baggage .....	-	14,535	18,997	11,855	45,387	1,889	47,276
Mail .....	88,479	360,582	200,997	267,588	917,646	1,947,853	2,865,499
Totals .....	1,302,967	10,187,942	1,967,638	1,563,540	15,022,087	9,734,601	24,756,688
Available ton-miles on scheduled service ... "	17,725,544	34,022,034	36,110,341	16,655,295	104,513,214	79,183,809	183,697,023
Weight load factor on scheduled services(1)	48.5	57.5	49.9	37.4	50.1	49.5	49.8
Bulk:							
Departures .....	455	91	43	70	659	..	..
Hours flown .....	674	479	113	365	1,631	..	..
Miles flown .....	150,307	234,180	45,115	184,129	613,731	..	..
Passengers carried .....	3,579	7,935	1,776	6,842	20,132	..	..
Goods carried .....	58,084	979,999	6,430	-	1,044,513	..	..
Passenger-miles(2) .....	No.	25,163,944	3,622,228	19,951,863	50,864,174	..	..
Goods ton-miles(2) .....	"	7,185	6,465	-	1,591,540	..	..
Total:							
Departures .....	2,950	874	1,570	268	5,662	..	..
Hours flown .....	4,377	3,937	4,463	1,568	14,345	..	..
Miles flown .....	1,335,845	1,850,747	1,973,377	779,881	5,939,850	..	..
Passengers carried .....	..	..	..	..	290,003	..	..
Goods carried .....	..	..	..	..	12,358,048	..	..
Passenger-miles(2) .....	lb.	118,857,153	164,215,247	66,574,843	424,632,286	..	..
Goods ton-miles(2) .....	No.	1,310,152	1,974,103	1,563,540	16,613,627	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

March 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	161,512	179,363	340,875	22,964	27,914	50,878
Bulk ..... "	1,777	1,354	3,131	916	781	1,697
Totals ..... "	163,289	180,717	344,006	23,880	28,695	52,575
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,816,373	4,848,792	6,665,165	3,731,803	7,006,582	10,738,385
Bulk ..... "	-	-	-	530,421	451,714	982,135
Totals ..... "	1,816,373	4,848,792	6,665,165	4,262,224	7,458,296	11,720,520
Mail carried (unit toll) ..... "	319,936	856,341	1,176,277	199,652	272,605	472,257
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	24,809	33,160	57,969	209,285	240,437	449,722
Bulk ..... "	1,249	1,363	2,612	3,942	3,498	7,440
Totals ..... "	26,058	34,523	60,581	213,227	243,935	457,162
Freight, express and excess baggage carried:						
Unit toll ..... lb.	735,051	634,601	1,369,652	6,283,227	12,489,975	18,773,202
Bulk ..... "	-	-	-	530,421	451,714	982,135
Totals ..... "	735,051	634,601	1,369,652	6,813,648	12,941,689	19,755,337
Mail carried (unit toll) ..... "	126,568	95,779	222,347	646,156	1,224,725	1,870,881
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	121,066	143,216	264,282	88,219	97,221	185,440
Bulk ..... "	2,835	2,565	5,400	1,107	933	2,040
Totals ..... "	123,901	145,781	269,682	89,326	98,154	187,480
Freight, express and excess baggage carried:						
Unit toll ..... lb.	3,544,722	6,171,499	9,716,221	2,738,505	6,318,476	9,056,981
Bulk ..... "	529,367	450,632	979,999	1,054	1,082	2,136
Totals ..... "	4,074,089	6,622,131	10,696,220	2,739,559	6,319,558	9,059,117
Mail carried (unit toll) ..... "	466,876	381,362	848,238	179,280	843,363	1,022,643

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

March 1969

	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	11,389	244,969	26,954	576,876	410	28,633	2,056	137,485
Recreational flying .....	1,459	31,960	3,228	71,866	8	826	50	5,196
Aerial photography and survey(1) ...	967	119,375	2,049	250,613	108	7,449	152	18,184
Aerial photography .....	33	969	77	2,446	5	450	11	1,459
Aerial inspection, reconnaissance and advertising(2) .....	975	144,566	2,391	310,807	1,110	152,739	2,441	327,665
Aerial application & distribution(3) ..	-	-	-	-	45	12,146	45	12,146
Aerial control .....	97	29,084	330	89,561	-	-	-	-
Aerial construction .....	-	-	-	-	12	2,479	12	2,479
Air ambulance and mercy services ...	-	-	17	1,926	-	-	7	1,126
Aircraft rental .....	2,107	38,565	4,438	79,887	75	5,269	329	21,952
Non-transportation charter .....	88	8,517	149	12,946	86	16,360	218	44,520
Totals .....	17,115	618,005	39,633	1,396,928	1,859	226,351	5,321	572,212

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

March 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 21	...	10	...	31	...
Helicopters - Owned .....	" 221	219	33	31	254	250
Leased .....	" 17	15	-	2	17	17
Totals .....	" 238	234	33	33	271	268
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 5,107	10,890	989	1,684	6,096	12,574
Specialty .....	" 1,574	4,263	285	1,058	1,859	5,321
Totals .....	" 6,681	15,153	1,274	2,742	7,955	17,895
Non-revenue hours flown .....	" 574	1,179	58	201	632	1,380
Fuel and oil consumed:						
Gasoline .....	gal. 123,570	287,915	23,479	47,276	147,049	335,191
Cost .....	\$ 55,752	131,660	9,998	20,808	65,750	152,468
Oil .....	gal. 2,988	6,673	268	584	3,256	7,257
Cost .....	\$ 4,562	10,576	433	1,026	4,995	11,602
Average number of employees:						
Pilots .....	No. 226	208	23	20	249	228
Administrative .....	" 117	126	1	1	118	127
Maintenance labour .....	" 260	242	14	13	274	255
Other personnel .....	" 29	27	-	1	29	28
Totals .....	" 632	603	38	35	670	638
Salaries and wages:						
Pilots .....	\$ 179,210	895,728	15,714	42,686	194,924	938,414
Administrative .....	\$ 88,823	267,336	600	1,800	89,423	269,136
Maintenance labour .....	\$ 173,900	467,929	7,698	22,586	181,598	490,515
Other personnel .....	\$ 12,004	39,939	-	1,896	12,004	41,835
Totals .....	\$ 453,937	1,670,932	24,012	68,968	477,949	1,739,900

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
March 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	695,787	1,528,892
Total transportation .....	695,787	1,528,892
Other flying services .....	183,546	425,486
Total flying services .....	879,333	1,954,378
Non-flying services .....	16,115	69,448
Total operating revenues .....	895,448	2,023,826
Operating expenses:		
Flying operations .....	491,243	1,240,933
Maintenance .....	421,338	1,183,528
General service and administration .....	191,059	488,247
Depreciation and amortization .....	123,791	344,669
Total operating expenses .....	1,227,431	3,257,377
Operating income (deficit) .....	Dr. 331,983	Dr. 1,233,551
Non-operating income:		
Capital gains and losses .....	Dr. 18,658	Dr. 19,322
Interest and discounts .....	2,113	6,218
Miscellaneous non-operating income .....	Dr. 108	Dr. 409
Income before interest expense .....	Dr. 348,636	Dr. 1,247,064
Interest expense .....	82,997	154,714
Income before income taxes .....	Dr. 431,633	Dr. 1,401,778
Provision for income taxes .....	300	900
Net income after income taxes .....	Dr. 431,933	Dr. 1,402,678

TABLE 11. Operating Statistics, Canadian Group V Carriers  
March 1969

	1st Quarter	Year to date
Reporting carriers .....	No. 284	
Transportation:		
Hours flown .....	" 15,607	
Passengers carried .....	" 27,329	
Goods carried .....	lb. 3,147,465	
Specialty flying services:		
Flying training .....	hr. 41,775	
Recreational flying .....	" 5,223	
Aerial photography and survey(1) .....	" 391	
Aerial photography .....	" 29	
Aerial inspection, reconnaissance and advertising(2) .....	" 1,712	
Aerial application and distribution(3) .....	" 4	
Aerial control .....	" -	
Aerial construction .....	" -	
Air ambulance and mercy services .....	" 2	
Aircraft rental .....	" 5,936	
Non-transportation charter .....	" 143	
Totals .....	" 55,215	
Total - All services:		
Revenue hours flown .....	No. 70,822	
Non-revenue hours flown .....	" 1,994	

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
  - Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
  - Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.

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MONTHLY



# CIVIL AVIATION

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

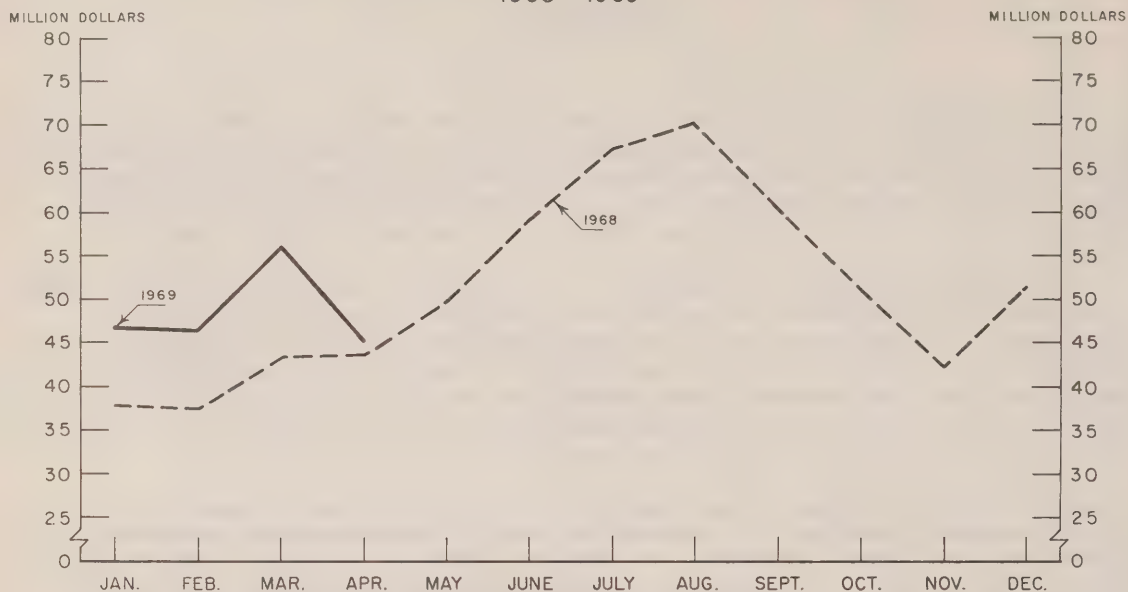
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

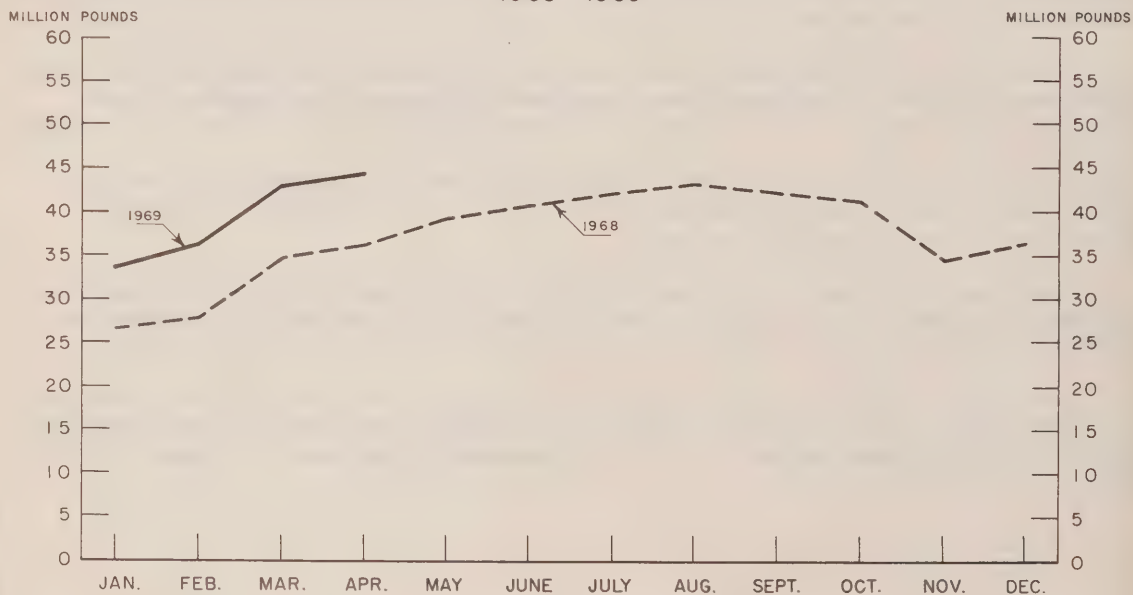
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF APRIL OPERATIONS

A strike by employees of Air Canada which began April 20, 1969 and lasted into May made the operations of commercial air carriers operating in Canada differ greatly from the normal situation. CP Air, Eastern Provincial Airways Ltd., Pacific Western Airlines Ltd., Quebecair and Transair as well as smaller companies in reporting groups III and IV received special permission from the Air Transport Committee of the Canadian Transport Commission to operate unit toll services over the scheduled routes of Air Canada during the duration of the strike. Although not all routes served on this temporary basis were served with modern jet and turbo prop aircraft it was possible nevertheless to fly between the cities normally served by Air Canada.

As a result of this unique situation when the largest air carrier in Canada was not operating for one third of the month, figures reported by other carriers increased sharply. In contrast to operating losses in April 1968 this year all the major carriers except Air Canada reported substantial operating incomes. Group III carriers continued to report an operating loss but this was less than in 1968. Group IV carriers benefited least from the strike at Air Canada partly because their operations tend to be located away from inter-city routes.

In spite of the strike by employees, Air Canada reported increases in certain categories compared to the 1968 figures for a complete month. Passenger-miles increased by over 1.5 million in charter services and the weight of goods carried in all services rose by over 2.5 million pounds. These figures indicate a more than average growth in the charter flight and air freight area. CP Air reported an increase of over 30,000 in the number of passengers carried and the regional carriers also showed gains of major proportions in passenger traffic. The weight of goods carried by the regional carriers increased by over 50 per cent from 7.6 million pounds to 12.2 million pounds.

In trying to fill the gap created by the absence of Air Canada, the other major carriers flew 3,000 more hours than in April 1968. The general increase in commercial airline activity from 1968 to 1969 plus the effect of the strike, combined with a trend toward increasing use of jet and turbo prop equipment resulted in the major carriers (except Air Canada) using an additional 2 1/2 million gallons of turbo fuel during the month. Gasoline consumption increased only slightly however, indicating that most of the extra flying done was with turbine powered equipment.

Foreign carriers also reported substantial traffic increases during April especially in cargo services. The weight of goods carried rose by over 3.3 million pounds. The number of passengers transported by United States air carriers operating in Canada rose by more than 60,000.

International unit toll operations of Canadian carriers showed the same pattern as in April 1968. The following table shows the proportional breakdown of international unit toll passenger-miles by area of service:

<u>Area</u>	<u>Percentage of unit toll passenger-miles</u>
Transborder .....	16.6
Trans-Atlantic and Polar .....	38.3
Southern .....	30.8
Pacific and Orient .....	14.3
Total .....	100.0

Group I carriers reported notable increases in international charter traffic, both passenger and freight, during the month in spite of the fact that Air Canada did not operate after April 20. The international charter activities of Group III also increased markedly; the number of hours flown rose by over 3,000, the number of passengers carried rose by over 11,000, and the number of passenger-miles more than tripled to over 32 million. These figures reflect the increasing popularity of long distance charter flights being offered by carriers with jet equipment such as Nordair and Wardair.

Specialty flying activity during the month decreased for fixed-wing aircraft and helicopters as the amount of flying training reported by carriers in Groups I-IV declined. Decreases were also recorded for hours and revenues reported for aerial photography and survey, and recreational flying. Additional hours were shown for aerial inspection and reconnaissance and aerial control. Use of helicopters for this type of activity has doubled during 1969 compared to the first four months of 1968.

Helicopter activities in charter flying remained the same level as in April 1968 for companies operating only helicopters but increased by over 500 hours for those which operated both fixed-wing aircraft and helicopters. In spite of increased revenues by helicopter carriers in charter flying, the decrease in specialty activities combined with increased costs to increase the operating loss by over \$70,000 during the month.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

April 1969

	Canadian carriers						Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers				Total Canadian carriers	United States carriers	Other Foreign carriers(3)		
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	36	71	107	113	11	11	135	...	
Revenue transportation services:										
Unit toll:										
Departures(9) .....	No.									
Hours flown .....	"	27,964	4,184	2,329	6,513	34,477	596	1,568	36,641	
Miles scheduled .....	"	8,455,000	...	...	...	8,455,000	209,726	622,442	9,287,168	
Miles flown:(4)										
Scheduled .....	"	8,768,397	...	...	...	8,768,397	209,124	643,128	9,620,649	
Non-scheduled .....	"	211,775	613,419	350,259	963,678	1,175,453	-	-	1,175,453	
Totals .....	"	8,980,172	613,419	350,259	963,678	9,943,850	209,124	643,128	10,796,102	
Passengers carried .....	"	561,505	14,114	9,091	23,205	584,710	210,429	33,524	828,663	
Goods carried:										
Cargo .....	1b.	21,323,104	953,320	98,970	1,052,290	22,375,394	3,942,732	4,959,359	31,484,889	
Excess baggage(5) .....	"	139,222	39,360	28,822	68,182	207,404	-	-	207,404	
Mail .....	"	4,297,197	330,197	54,871	385,068	4,682,265	887,693	291,510	5,861,468	
Totals .....	"	25,759,523	1,322,877	182,663	1,505,540	27,265,063	4,830,425	5,250,869	37,346,357	
Passenger-miles .....	No.	519,390,531	3,013,176	3,409,044	6,422,220	525,812,751	9,734,224	27,364,117	562,911,092	
Goods ton-miles:										
Cargo .....	"	13,539,575	327,549	49,393	376,942	13,916,517	105,989	1,677,502	15,785,875	
Excess baggage(5) .....	"	80,404	4,896	567	5,463	85,867	-	-	85,867	
Mail .....	"	2,338,652	88,570	3,791	92,361	2,431,013	22,144	124,088	2,577,245	
Totals .....	"	15,958,631	421,015	53,751	474,766	16,433,397	128,133	1,801,590	18,363,120	
Bulk:										
Departures .....	"	1,511	10,103	9,911	20,014	21,525	...	...	...	
Hours flown .....	"	3,493	14,937	8,157	23,094	26,587	17	18	26,622	
Miles flown .....	"	807,074	1,284,629	944,536	2,229,165	3,036,239	5,843	8,180	3,050,262	
Passengers carried .....	"	12,057	27,549	17,187	44,736	56,793	1,374	1,689	59,856	
Freight carried .....	1b.	9,358,421	5,975,125	1,666,955	7,642,080	17,000,501	-	-	17,000,501	
Passenger-miles(6) .....	No.	21,463,576	32,583,574	425,664	33,009,238	54,472,814	...	...	...	
Goods ton-miles(6) .....	"	3,301,532	674,323	5,040	679,363	3,960,895	...	...	...	
Revenue non-transportation services:										
Specialty flying - Hours flown "	152	3,647	14,002	17,649	17,801	17,801	-	-	17,801	
									62,287	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

April 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures(9)	No.									
Hours flown	31,609	22,768	24,488	47,256	78,865	613	1,586	81,064	310,376	
Miles flown	9,787,246	1,896,048	1,294,795	3,192,843	12,980,089	214,967	651,308	13,846,364	59,742,983	
Passengers carried	573,562	41,663	26,278	67,941	641,503	211,803	35,213	888,519	3,706,608	
Cargo carried	30,681,525	6,928,445	1,765,925	8,694,370	39,583,299(8)	3,942,732	4,959,359	48,485,390	169,126,435	
Goods carried(5)	35,117,944	7,298,002	1,849,618	9,147,620	44,265,564	4,830,425	5,250,869	54,346,858	194,730,167	
Passenger-miles(6)	540,854,107	35,596,750	3,834,708	39,431,458	580,285,565	..	..	..	..	
Goods ton-miles(6)	19,260,163	1,095,338	58,791	1,154,129	20,414,292	..	..	..	..	
Non-revenue: (10)										
Hours flown	1,211	1,388	915	2,303	3,514	28	3	3,545	12,966	
Passengers carried										
Goods carried										
Passenger-miles										
Goods ton-miles										
Fuel and oil consumed:										
Turbo fuel - Quantity	gal.									
Cost	25,106,700	905,213	80,259	985,472	26,092,172	1,486,013	4,179,751	31,757,936	143,887,047	
Gasoline - Quantity	3,939,156	204,376	29,936	234,312	4,173,468	138,550	707,849	5,019,867	22,661,408	
Cost	795,848	761,863	357,647	1,119,510	1,915,358	-	-	1,915,358	6,823,161	
Turbo oil - Quantity	gal.	343,875	161,133	505,008	802,282	-	-	802,282	2,772,454	
Cost	42,303	144	26	170	4,988	252	53	5,293	21,310	
Other oil - Quantity	gal.	42,303	160	808	43,111	1,636	540	45,287	189,043	
Cost	9,502	12,808	6,219	19,027	28,529	-	-	28,529	106,957	
Average number of employees:										
Pilots and co-pilots	No.	621	468	1,089	2,941	..	..	..	..	
Other flight personnel		119	73	192	2,581	..	..	..	..	
General management		224	150	374	847	..	..	..	..	
Maintenance labour		724	366	1,090	6,027	..	..	..	..	
Aircraft & traffic servicing		211	118	329	8,689	..	..	..	..	
Other personnel		357	257	614	7,008	..	..	..	..	
Totals		2,256	1,432	3,688	28,093	654	814	25,873	27,810	
Salaries and wages paid:										
Pilots and co-pilots	\$	529,734	329,141	858,875	3,478,184	..	..	..	..	
Other flight personnel		57,078	36,434	93,512	1,139,041	..	..	..	..	
General management	\$	199,844	109,252	309,096	859,500	..	..	..	..	
Maintenance labour	\$	438,182	203,257	641,439	3,318,156	..	..	..	..	
Aircraft & traffic servicing	\$	106,074	55,006	161,080	4,514,444	..	..	..	..	
Other personnel	\$	159,988	133,810	293,798	4,379,199	..	..	..	..	
Totals	\$	1,490,900	866,900	2,357,800	17,688,524	419,456	558,836	16,309,016	69,822,563	

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carrier", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

April 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers .....	27,862,314	2,457,681	30,319,995	472,709	162,822	635,531	30,955,526	140,573,869
Express .....	492,798	40,722	533,520	6,530	1,684	8,214	541,734	2,964,550
Freight .....	2,545,681	316,181	2,861,862	165,871	9,979	175,850	3,037,712	15,990,700
Excess baggage .....	125,433	27,824	153,257	6,839	735	7,574	160,831	773,759
Mail .....	1,728,474	188,237	1,916,711	111,453	13,048	124,501	2,041,212	8,597,143
Total unit toll transportation ..	32,734,700	3,030,645	35,765,345	763,402	188,268	951,670	36,737,015	168,900,021
Bulk transportation .....	299,279	1,783,211	2,082,490	3,196,753	868,424	4,065,177	6,147,667	18,947,228
Total transportation .....	33,033,979	4,813,856	37,867,835	3,960,155	1,056,692	5,016,847	42,884,682	187,847,249
Other flying services .....	9,306	43,798	53,104	335,469	19,169	754,638	807,742	2,786,979
Total flying services .....	33,043,285	4,857,654	37,920,939	4,295,624	1,475,861	5,771,485	43,692,424	190,634,228
Non-flying services .....	588,332	445,969	1,034,301	108,605	190,994	299,599	1,333,900	3,651,105
Total operating revenues .....	33,631,617	5,303,623	38,935,240	4,404,229	1,666,855	6,071,084	45,026,324	194,285,333
Operating expenses:								
Flying operations .....	8,456,884	1,601,758	10,058,642	1,958,730	803,360	2,762,090	12,820,732	54,834,166
Maintenance .....	5,799,823	1,129,793	6,929,616	1,422,355	530,227	1,952,582	8,882,198	38,161,619
General services and administration:								
Passenger service .....	3,830,555	222,292	4,052,847	..	..	..	..	..
Aircraft and traffic servicing .....	5,718,082	757,200	6,475,282	..	..	..	..	..
Promotion and sales .....	6,532,379	231,562	6,763,941	..	..	..	..	..
General administration .....	1,887,112	328,445	2,215,557	..	..	..	..	..
Totals .....	17,968,128	1,539,499	19,507,627	926,437	385,234	1,311,671	20,819,298	86,547,996
Depreciation and amortization .....	3,828,295	276,975	4,105,270	466,147	246,228	712,375	4,817,645	18,364,736
Total operating expenses .....	36,053,130	4,548,025	40,601,155	4,773,669	1,965,049	6,738,718	47,339,873	198,108,537
Operating income (loss) .....	Dr. 2,401,513	755,598	Dr. 1,645,915	Dr. 369,440	Dr. 298,194	Dr. 667,634	Dr. 2,313,549	Dr. 3,823,204
Non-operating income - Net:								
Capital gains and losses .....	-	Dr. 18,904	Dr. 18,904	102,132	2,231	104,363	85,459	449,469
Interest and discounts .....	562,069	25,607	587,676	3,375	1,393	4,768	592,444	2,508,148
Miscellaneous non-operating income ..	Dr. 68,905	Dr. 16,486	Dr. 85,391	Dr. 4,753	7,801	3,048	Dr. 82,343	30,697
Income before interest expense .....	Dr. 1,908,349	745,815	Dr. 1,162,534	Dr. 268,686	Dr. 286,769	Dr. 555,455	Dr. 1,717,989	Dr. 834,890
Interest expense .....	2,428,552	254,519	2,683,071	224,779	65,102	289,881	2,972,952	11,164,548
Income before income taxes .....	Dr. 4,336,901	491,296	Dr. 3,845,605	Dr. 493,465	Dr. 351,871	Dr. 845,336	Dr. 4,690,941	Dr. 11,999,438
Provision for income taxes .....	-	-	-	1,404	7,194	8,598	8,598	59,903
Net income after income taxes .....	Dr. 4,336,901	491,296	Dr. 3,845,605	Dr. 494,869	Dr. 359,065	Dr. 853,934	Dr. 4,699,539	Dr. 12,059,341

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

April 1969

- 11 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	18,895,825	8,966,489	359,624	1,103,993	603,738	390,326	30,319,995	138,679,217
Express .....	430,313	62,485	4,357	27,271	-	9,094	533,520	2,928,256
Freight .....	1,711,013	834,668	73,933	129,228	80,393	32,607	2,861,862	15,253,873
Excess baggage .....	69,396	56,037	5,939	12,637	8,060	1,188	153,257	743,322
Mail .....	1,028,697	699,777	75,272	59,320	32,132	21,513	1,916,711	8,054,896
Total unit toll transportation ..	22,135,244	10,619,456	519,145	1,332,449	724,323	454,728	35,785,345	165,659,564
Bulk transportation .....	170,043	129,236	131,729	1,289,591	1,894	359,997	2,082,490	6,432,728
Total transportation .....	22,305,287	10,748,692	650,874	2,622,040	726,217	814,725	37,867,835	172,091,792
Other flying services .....	9,306	-	43,798	-	-	-	53,104	119,325
Total flying services .....	22,314,593	10,748,692	694,672	2,622,040	726,217	814,725	37,920,939	172,211,117
Non-flying services .....	417,218	171,114	441,413	-	2,518	7,074	1,034,301	2,773,607
Total operating revenues .....	22,731,811	10,919,806	1,136,085	2,622,040	723,699	821,799	38,955,240	174,984,724
Operating expenses:								
Flying operations .....	5,412,161	3,044,723	231,164	871,221	242,788	256,585	10,058,642	45,315,450
Maintenance .....	4,557,145	1,242,678	297,170	487,843	149,822	194,958	6,929,616	31,218,139
General services and administration:								
Passenger service .....	2,689,314	1,141,241	45,846	81,470	24,678	70,298	4,052,847	17,294,439
Aircraft and traffic servicing .....	4,513,648	1,204,434	114,280	475,258	46,657	121,005	6,475,282	27,695,893
Promotion and sales .....	4,518,467	2,013,912	13,633	77,504	105,327	35,098	6,763,941	28,026,070
General administration .....	1,383,466	503,646	46,525	164,720	39,605	77,595	2,215,557	8,632,230
Totals .....	13,104,895	4,863,233	220,284	798,952	216,267	303,996	19,507,627	81,648,632
Depreciation and amortization .....	3,502,023	326,272	53,409	168,804	14,484	40,278	4,105,270	15,873,382
Total operating expenses .....	26,576,224	9,476,906	802,027	2,326,820	623,361	795,817	40,601,155	174,055,603
Operating income (loss) .....	Dr. 3,844,413	1,442,900	334,058	295,220	100,338	25,982	Dr. 1,645,915	929,121
Non-operating income - Net:								
Capital gains and losses .....	-	-	Dr. 3,137	-	-	Dr. 15,767	Dr. 18,904	Dr. 46,880
Interest and discounts .....	533,509	28,560	118	25,489	-	-	587,676	2,483,566
Miscellaneous non-operating income ..	47,519	Dr. 116,424	-	Dr. 12,442	Dr. 4,236	192	Dr. 85,391	Dr. 51,826
Income before interest expense .....	Dr. 3,263,385	1,355,036	331,039	308,267	96,102	10,407	Dr. 1,162,534	3,313,981
Interest expense .....	2,093,451	335,101	38,811	135,155	70,200	10,353	2,683,071	10,098,539
Income before income taxes .....	Dr. 5,356,836	1,019,935	292,228	173,112	25,902	54	Dr. 3,845,605	6,784,558
Provision for income taxes .....	-	-	-	-	-	-	-	-
Net income after income taxes .....	Dr. 5,356,836	1,019,935	292,228	173,112	25,902	54	Dr. 3,845,605	6,784,558

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

April 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....	No.								
Hours flown .....	"	5,646	21,739	1,308	1,985	1,659	1,273	6,225	27,964
Miles scheduled .....	"	2,165,778	7,553,226	40,056	413,380	273,989	174,349	901,774	8,455,000
Miles flown:(1)									
Scheduled - Regular .....	"	2,149,365	7,482,089	39,946	413,380	273,989	171,011	898,326	8,380,415
Extra sections .....	"	161,232	345,358	3,448	33,326	-	5,850	42,624	387,982
Non-scheduled .....	"	-	-	165,061	-	-	46,714	211,775	211,775
Totals .....	"	2,310,597	7,827,447	208,455	446,706	273,989	223,575	1,152,725	8,980,172
Ratio of regular miles flown to miles scheduled .....		99.0	99.1	99.7	100.0	100.0	98.1	99.6	99.1
Passengers carried .....	No.								
Passengers carried .....	No.	377,935	491,332	9,358	29,735	17,499	13,581	70,173	561,505
Goods carried:									
Freight .....	1b.	15,638,864	17,932,342	610,679	844,601	281,838	356,399	2,093,517	20,025,859
Express .....	"	1,023,649	1,177,524	12,334	78,264	-	29,123	119,721	1,297,245
Excess baggage(2) .....	"	..	27,411	21,023	50,606	40,182	-	111,811	139,222
Mail .....	"	2,984,973	3,643,530	290,031	214,586	69,763	79,287	653,667	4,297,197
Totals .....	"	19,647,486	22,780,807	934,067	1,188,057	391,783	464,809	2,978,716	25,759,523
Passenger-miles:(1)									
Scheduled .....	No.	329,062,480	491,402,632	521,912	13,002,087	6,467,206	4,176,082	24,167,287	515,569,919
Non-scheduled .....	"	-	-	3,281,982	-	-	538,630	3,820,612	3,820,612
Totals .....	"	329,062,480	491,402,632	3,803,894	13,002,087	6,467,206	4,714,712	27,987,899	519,390,531
Available seat-miles on scheduled services(1) .....	"	571,060,517	874,538,105	1,580,085	32,815,350	9,642,167	7,780,396	51,817,998	926,356,103
Passenger load factor on scheduled services(1) .....		57.6	56.2	33.0	39.6	67.1	53.7	46.6	55.7
Goods ton-miles:(1)									
Freight - Scheduled .....	No.	8,886,804	12,422,033	15,333	319,213	62,354	46,631	443,531	12,865,564
Non-scheduled .....	"	-	-	133,173	-	-	24,649	157,822	157,822
Totals .....	"	8,886,804	12,422,033	148,506	319,213	62,354	71,280	601,353	13,023,386
Express - Scheduled(1) .....	"	415,715	481,871	501	27,384	-	4,283	32,168	514,039
Non-scheduled .....	"	-	-	1,316	-	-	834	2,150	2,150
Totals .....	"	415,715	481,871	1,817	27,384	-	5,117	34,318	516,189

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

April 1969

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	56,770	56,770	192	9,894	8,501	-	18,587	75,357
Non-scheduled .... " ..	..	-	-	5,047	-	-	-	5,047	5,047
Totals .....	..	56,770	56,770	5,239	9,894	8,501	-	23,634	80,404
Mail - Scheduled(1) .....	1,534,941	652,722	2,187,663	7,714	67,069	14,870	10,243	99,896	2,287,559
Non-scheduled .....	-	-	-	46,978	-	-	4,115	51,093	51,093
Totals .....	1,534,941	652,722	2,187,663	54,692	67,069	14,870	14,358	150,989	2,338,652
Total - Scheduled(1, 2) .....	10,837,460	4,310,877	15,148,337	23,740	423,560	85,725	61,157	594,182	15,742,519
Non-scheduled .....	-	-	-	186,514	-	-	29,598	216,112	216,112
Totals .....	10,837,460	4,310,877	15,148,337	210,254	423,560	85,725	90,755	810,294	15,958,631
Available ton-miles on scheduled services(1) .....	93,179,732	41,890,970	135,070,702	195,377	4,103,290	1,009,545	933,396	6,241,608	141,312,310
Weight load factor on scheduled services(1, 3) .....	46.9	49.0	47.6	38.9	40.1	72.6	51.3	47.0	47.6
Bulk:									
Departures .....	109	24	133	819	233	9	317	1,378	1,511
Hours flown .....	234	96	330	883	1,381	6	893	3,163	3,493
Miles flown .....	85,376	45,317	130,693	86,121	421,349	1,016	167,895	676,381	807,074
Passengers carried .....	3,201	1,737	4,938	1,748	4,355	36	1,000	7,119	12,057
Freight carried .....	160,386	-	160,386	364,325	6,912,185	-	1,921,525	9,198,035	9,358,421
Passenger-miles(4) .....	4,568,593	5,252,670	9,821,263	168,178	10,332,335	19,738	1,122,062	11,642,313	21,463,576
Goods ton-miles(4) .....	244,573	-	244,573	31,970	2,539,732	-	485,257	3,056,959	3,301,532
Revenue non-transportation services:									
Specialty flying - Hours flown .....	29	-	29	123	-	-	-	123	152
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) .....	16,356	5,742	22,098	2,314	3,366	1,665	2,166	9,511	31,609
Hours flown .....	5,602,226	2,355,914	7,958,140	294,576	868,055	275,005	391,470	1,829,106	9,787,246
Miles flown .....	381,136	115,134	496,270	11,106	34,070	17,535	14,581	77,292	573,562
Passengers carried .....	16,822,899	2,447,353	19,270,252	987,338	7,835,050	281,330	2,307,047	11,411,273	30,681,525
Cargo carried .....	19,807,872	3,133,321	22,941,193	1,298,392	8,100,242	391,783	2,386,334	12,176,571	35,117,944
Goods carried(2) .....	333,631,073	167,592,822	501,223,895	3,972,072	23,334,422	6,486,944	5,836,774	39,630,212	540,854,107
Passenger-miles(4) .....	11,082,033	4,310,877	15,392,910	242,224	2,963,292	85,725	576,012	3,867,253	19,260,163
Goods ton-miles(2, 4) .....									

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

April 1969

	Group I carriers			Group II carriers(1)				Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	
Total - All services - Concluded:								
Traffic, hours and miles - Concluded:(5)								
Non-revenue: (7)								
Hours flown .....	528	256	784	115	183	58	71	1,211
Passengers carried .....								
Goods carried .....								
Passenger-miles .....								
Goods ton-miles .....								
Fuel and oil consumed:								
Turbo fuel - Quantity .....	15,931,712	7,144,383	23,076,095	149,589	1,285,229	390,981	204,806	25,106,700
Cost .....	2,386,363	1,141,441	3,527,804	32,909	251,119	82,106	45,218	3,939,156
Gasoline - Quantity .....	-	116,247	116,247	142,651	335,807	21,261	179,882	795,848
Cost .....	-	32,234	32,234	48,859	133,304	7,016	75,861	265,040
Turbo oil - Quantity .....	2,325	738	3,063	79	611	1,059	6	4,818
Cost .....	21,286	8,118	29,404	1,185	7,943	3,707	64	12,899
Other oil - Quantity .....	-	804	804	2,193	3,033	696	2,776	42,303
Cost .....	-	804	804	2,740	3,791	557	3,424	9,502
Average number of employees:								
Pilots and co-pilots .....	1,134	376	1,510	68	149	53	72	1,852
Other flight personnel .....	1,571	590	2,161	27	137	19	45	2,389
General management .....	101	128	229	21	141	62	20	244
Maintenance labour .....	3,452	746	4,198	229	272	116	122	4,937
Aircraft and traffic servicing .....	5,940	1,815	7,755	119	240	134	112	8,360
Other personnel .....	5,044	1,111	6,155	54	100	13	72	6,394
Total employees .....	17,242	4,766	22,008	518	1,039	397	443	24,405
Salaries and wages:								
Pilots and co-pilots .....	1,312,756	950,809	2,263,565	62,551	154,446	54,161	84,586	2,619,309
Other flight personnel .....	641,782	323,751	965,533	9,480	39,982	10,922	19,612	1,045,529
General management .....	240,858	139,717	380,575	24,086	84,169	37,580	23,994	550,404
Maintenance labour .....	1,696,089	496,764	2,192,853	117,767	204,275	75,544	86,278	2,676,717
Aircraft and traffic servicing .....	3,072,106	957,639	4,029,745	54,184	122,630	84,228	62,577	4,353,364
Other personnel .....	3,448,381	540,566	3,988,947	22,720	30,643	12,302	30,789	4,085,401
Total salaries and wages .....	10,411,972	3,409,246	13,821,218	290,788	636,145	274,737	307,836	15,330,724

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

April 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	322,885	90,603	7,429	29,735	17,499	13,344	481,495
Domestic interline .....	"	13,484	1,807	-	-	-	79,621
Foreign interline .....	"	9,280	-	-	-	-	561,116
Totals(2) .....	377,935	113,367	9,236	29,735	17,499	13,344	
<b>Express carried:</b>							
Originated .....	1,023,649	153,875	12,275	78,264	-	29,123	1,297,186
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	1,023,649	153,875	12,275	78,264	-	29,123	1,297,186
<b>Freight carried:</b>							
Originated .....	12,819,432	1,776,281	604,794	844,601	281,838	235,294	16,562,240
Domestic interline .....	"	27,514	-	-	-	-	27,514
Foreign interline .....	"	83,922	-	-	-	-	83,922
Totals(2) .....	12,819,432	1,887,717	604,794	844,601	281,838	235,294	16,673,676
<b>Excess baggage carried:</b>							
Originated .....	"	27,390	21,023	50,606	40,182	-	139,201(3)
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	"	27,390	21,023	50,606	40,182	-	139,201(3)
<b>Mail carried:</b>							
Originated .....	2,984,973	644,342	243,576	214,586	69,763	57,810	4,215,050
Domestic interline .....	"	-	-	-	-	-	-
Foreign interline .....	"	-	-	-	-	-	-
Totals(2) .....	2,984,973	644,342	243,576	214,586	69,763	57,810	4,215,050

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

April 1969

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
<b>Unit toll:</b>							
Departures .....	1,681	658	918	161	3,418	10,359	13,777
Hours flown .....	2,544	2,902	2,613	983	9,042	12,697	21,739
Miles flown .....	814,540	1,344,148	1,173,999	457,775	3,790,462	3,762,764	7,553,226
Scheduled - Regular .....	798,379	1,335,884	1,172,970	457,775	3,765,008	3,717,081	7,482,089
Extra sections .....	17,669	43,589	11,177	33,965	106,400	238,958	345,358
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	816,048	1,379,473	1,184,147	491,740	3,871,408	3,956,039	7,827,447
Ratio of regular miles flown to miles scheduled .....	98.0	99.4	99.9	100.0	99.3	98.8	99.1
Passengers carried .....	..	..	..	..	159,892	331,440	491,332
Cargo carried .....	..	..	..	..	7,673,142	11,464,135	19,137,277
Mail carried .....	..	..	..	..	509,495	3,134,035	3,643,530
Passenger-miles .....	42,179,679	97,182,283	78,216,277	36,244,356	253,822,595	237,580,037	491,402,632
Available seat-miles on scheduled services ..	86,736,764	182,755,133	155,590,983	76,868,900	501,951,780	372,586,325	874,538,105
Passenger load factor on scheduled services	48.6	53.2	50.3	47.2	50.6	63.8	56.2
<b>Goods ton-miles:</b>							
Express .....	30,125	-	-	-	30,125	451,746	481,871
Freight .....	565,799	5,044,181	1,168,941	1,257,580	8,036,501	4,385,532	12,422,033
Excess baggage .....	46	13,592	20,981	20,869	55,488	1,282	56,770
Mail .....	47,582	295,444	145,499	214,822	703,347	1,484,316	2,187,663
Totals .....	643,552	5,353,217	1,335,421	1,493,271	8,825,461	6,322,876	15,148,337
Available ton-miles on scheduled service ....	12,182,439	31,315,272	22,641,227	11,805,118	77,944,056	57,126,646	135,070,702
Weight load factor on scheduled services(1)	39.9	48.1	40.4	43.4	43.9	52.7	47.6
<b>Bulk:</b>							
Departures .....	392	93	18	5	508	..	..
Hours flown .....	513	560	37	46	1,156	..	..
Miles flown .....	117,798	281,100	20,581	23,707	443,186	..	..
Passengers carried .....	2,942	9,382	956	757	14,037	..	..
Goods carried .....	5,748	160,386	-	-	166,134	..	..
Passenger-miles(2) .....	1,457,816	39,763,157	1,588,798	1,867,481	44,677,252	..	..
Goods ton-miles(2) .....	500	205,379	-	-	205,879	..	..
<b>Total:</b>							
Departures .....	2,073	751	936	166	3,926	..	..
Hours flown .....	3,057	3,462	2,650	1,029	10,198	..	..
Miles flown .....	933,846	1,660,573	1,204,728	515,447	4,314,594	..	..
Passengers carried .....	..	..	..	..	173,929	..	..
Goods carried .....	..	..	..	..	8,348,771	..	..
Passenger-miles(2) .....	43,637,495	136,945,440	79,805,075	38,111,837	298,499,847	..	..
Goods ton-miles(2) .....	644,052	5,558,596	1,335,421	1,493,271	9,031,340	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

April 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	152,088	165,604	317,692	25,650	28,812	54,462
Bulk ..... "	1,458	1,365	2,823	1,744	1,789	3,533
Totals ..... "	153,546	166,969	320,515	27,394	30,601	57,995
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	1,880,567	4,846,456	6,727,023	2,341,492	6,130,750	8,472,242
Bulk ..... "	-	-	-	-	160,386	160,386
Totals ..... "	1,880,567	4,846,456	6,727,023	2,341,492	6,291,136	8,632,628
Mail carried (unit toll) ..... "	217,983	864,321	1,082,304	171,579	266,739	438,318
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	13,733	16,539	30,272	191,471	210,955	402,426
Bulk ..... "	357	653	1,010	3,559	3,807	7,366
Totals ..... "	14,090	17,192	31,282	195,030	214,762	409,792
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	478,174	557,754	1,035,928	4,700,233	11,534,960	16,235,193
Bulk ..... "	-	-	-	-	160,386	160,386
Totals ..... "	478,174	557,754	1,035,928	4,700,233	11,695,346	16,395,579
Mail carried (unit toll) ..... "	92,584	70,880	163,464	482,146	1,201,940	1,684,086
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	72,689	85,784	158,473	118,782	125,171	243,953
Bulk ..... "	2,264	2,039	4,303	1,295	1,768	3,063
Totals ..... "	74,953	87,823	162,776	120,077	126,939	247,016
Freight, express and excess baggage carried:						
Unit toll ..... 1b.	2,510,060	4,823,042	7,333,102	2,190,173	6,711,918	8,902,091
Bulk ..... "	-	160,386	160,386	-	-	-
Totals ..... "	2,510,060	4,983,428	7,493,488	2,190,173	6,711,918	8,902,091
Mail carried (unit toll) ..... "	270,933	233,950	504,883	211,213	967,990	1,179,203

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

April 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	10,453	224,707	37,407	801,583	347	19,306	2,403	156,791
Recreational flying .....	1,388	36,114	4,616	107,980	33	3,812	83	9,008
Aerial photography and survey(1) ...	908	106,201	2,957	356,814	75	10,802	227	28,986
Aerial photography .....	39	1,162	116	3,608	26	2,799	37	4,258
Aerial inspection, reconnaissance and advertising(2) .....	1,012	132,821	3,403	443,628	873	129,005	3,314	456,670
Aerial application & distribution(3) ..	33	985	33	985	52	4,916	97	17,062
Aerial control .....	101	35,796	431	125,357	-	-	-	-
Aerial construction .....	-	-	-	-	11	2,350	23	4,829
Air ambulance and mercy services ...	11	1,154	28	3,080	2	275	9	1,401
Aircraft rental .....	2,121	41,286	6,559	121,173	76	5,299	405	27,251
Non-transportation charter .....	187	15,827	336	28,773	53	8,895	271	53,415
Totals .....	16,253	596,053	55,886	1,992,981	1,548	187,459	6,869	759,671

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

April 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 21	...	10	...	31	...
Helicopters - Owned .....	" 212	218	35	32	247	250
Leased .....	" 20	16	-	2	20	18
Totals .....	" 232	234	35	34	267	268
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 6,719	17,609	741	2,425	7,460	20,034
Specialty .....	" 1,278	5,541	270	1,328	1,548	6,869
Totals .....	" 7,997	23,150	1,011	3,753	9,008	26,903
Non-revenue hours flown .....	" 532	1,711	35	236	567	1,947
Fuel and oil consumed:						
Gasoline .....	gal. 151,422	439,337	25,998	73,274	177,420	512,611
Cost .....	\$ 66,938	198,598	10,740	31,548	77,678	230,146
Oil .....	gal. 2,730	9,403	271	855	3,001	10,258
Cost .....	\$ 5,932	16,508	482	1,508	6,414	18,016
Average number of employees:						
Pilots .....	No. 246	218	23	21	269	239
Administrative .....	" 138	129	1	1	139	130
Maintenance labour .....	" 254	245	15	14	269	258
Other personnel .....	" 27	27	-	1	27	28
Totals .....	" 665	618	39	36	704	655
Salaries and wages:						
Pilots .....	\$ 205,799	1,101,527	16,195	58,881	221,994	1,160,408
Administrative .....	\$ 99,047	366,383	400	2,200	99,447	368,583
Maintenance labour .....	\$ 172,380	640,309	9,062	31,648	181,442	671,957
Other personnel .....	\$ 10,768	50,707	-	1,896	10,768	52,603
Totals .....	\$ 487,994	2,158,926	25,657	94,625	513,651	2,253,551

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
April 1969

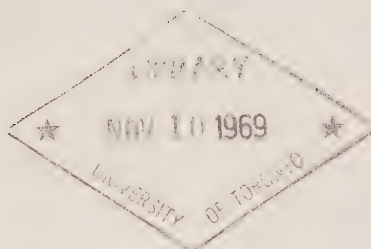
	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,121,175	2,650,067
Total transportation .....	1,121,175	2,650,067
Other flying services .....	157,206	582,692
Total flying services .....	1,278,381	3,232,759
Non-flying services .....	13,127	82,575
Total operating revenues .....	1,291,508	3,315,334
Operating expenses:		
Flying operations .....	509,986	1,750,919
Maintenance .....	534,002	1,717,530
General service and administration .....	209,214	697,471
Depreciation and amortization .....	137,135	481,804
Total operating expenses .....	1,390,337	4,647,714
Operating income (deficit) .....	Dr. 98,829	Dr. 1,332,380
Non-operating income:		
Capital gains and losses .....	Dr. 10,412	Dr. 29,734
Interest and discounts .....	250	6,468
Miscellaneous non-operating income .....	793	384
Income before interest expense .....	Dr. 108,198	Dr. 1,355,262
Interest expense .....	61,172	215,886
Income before income taxes .....	Dr. 169,370	Dr. 1,571,148
Provision for income taxes .....	300	1,200
Net income after income taxes .....	Dr. 169,670	Dr. 1,572,348

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-Carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
- Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
- Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.



# CIVIL AVIATION

MAY 1969

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

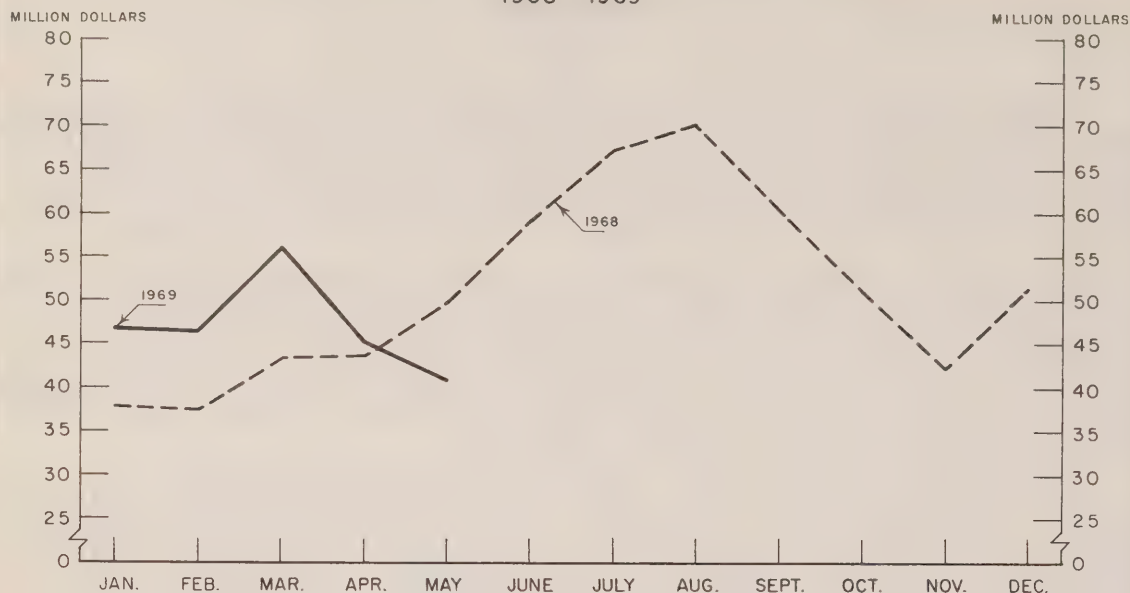
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

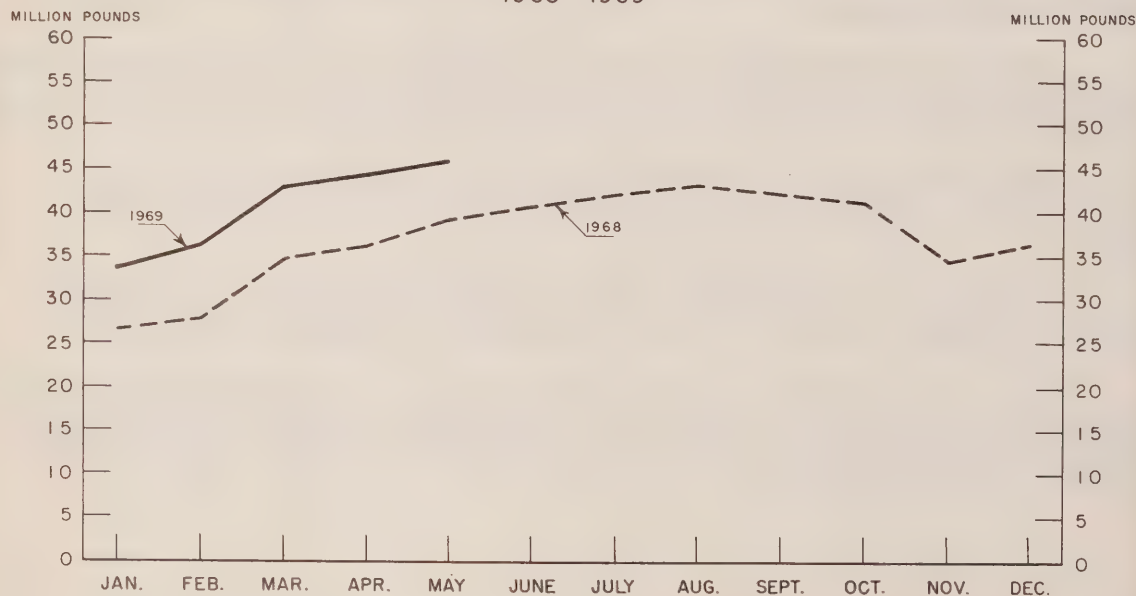
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968 — 1969



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968 — 1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF MAY OPERATIONS

A strike by employees of Air Canada which had begun in April continued until May 20, 1969. Because the largest airline in Canada did not operate for the greater part of the month, figures for May differ greatly from the normal situation. Special permission to operate unit toll services over routes normally flown by Air Canada was given to other airlines by the Air Transport Committee of the Canadian Transport Commission. This temporary authority was withdrawn when Air Canada resumed operations. The net result of this situation was that figures reported by Air Canada for the month were in general abnormally low whereas reports from CP Air, Eastern Provincial Airlines, Pacific Western Airlines, Quebecair, Transair and other smaller companies in reporting Groups III and IV indicated abnormally heavy traffic.

Carriers in Group II (the regional carriers except Nordair) almost doubled their total operating revenues to \$6.4 million while total operating expenses rose to \$5.6 million and left an operating income of \$860,000 compared to an operating deficit for Group II carriers in 1968 of Dr. \$34,000. Carriers in reporting Groups III and IV also reported increased revenues compared to May 1968. Group III operating revenues rose by more than \$2 million to \$6,300,000 and Group IV revenues were higher by almost \$380,000 at \$3 million.

Year-to-date figures for Group I-IV as a whole show an increase over figures for the first five months of 1968. Total operating revenues for the year-to-date in 1969 were approximately \$23 million greater while total operating expenses rose by less than \$18 million. Thus, the operating deficit for the first five months was reduced from Dr. \$12.9 million to Dr. \$8.2 million. The net income position of the more than 120 carriers comprising reporting Groups I-IV did not advance however, compared to the same five month period in 1968. A increase of almost \$5 million in interest expense accounted for much of the increased net deficit.

In spite of the fact that the largest airline in Canada did not operate for twenty days in May, some types of service showed increases compared to the previous year. Totals for charter services in particular were larger in 1969. The number of miles flown in charter services by Group I and II carriers more than doubled and the amount of freight carried by these six companies increased three and one half fold. Charter passenger-miles and goods ton-miles reported by the major carriers also increased sharply as passenger-miles rose by over 32 million and goods ton-miles increased by 2 1/2 million. International charter services showed large increases overall and especially in the Trans-Atlantic sector where reported totals more than doubled from the previous year.

Traffic reported by foreign airlines operating in Canada increased sharply for the period when Air Canada was not operating. The number of passengers carried by U.S. and other foreign carriers rose by over 120,000 and the amount of freight carried increased by over 5.7 million pounds compared to May 1968 figures.

Specialty flying services during the month showed a decline in revenue as the number of hours flown by fixed-wing aircraft remained almost unchanged from May 1968 and the total for helicopters declined by almost 450 hours. Flying training using fixed-wing aircraft continued to decline as the number of hours flown decreased by over 2,000. Increased activity was reported for both fixed-wing aircraft and helicopters used in aerial inspection, reconnaissance and advertising. Hours and revenues for fixed-wing aircraft rental increased. Financial figures for the year-to-date showed a decrease of more than 6,000 hours in specialty flying by fixed-wing aircraft and a decline in revenues of more than \$200,000. Helicopter specialty activities for the five months showed no change in the number of hours but a decline in revenues of almost \$350,000.

Helicopter charter operations showed an increase of more than 2,500 hours for the month and an increase of almost 5,000 hours for the year-to-date. Operating income reported by carriers operating helicopters only showed a decline of over \$100,000 compared to May 1968 and the reported net deficit after taxes for the year-to-date was increased by almost \$250,000 to Dr. \$1.4 million.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

May 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	36	75	111	117	11	11	139	...	
Revenue transportation services:										
Unit toll:										
Departures(9) .....										
Hours flown .....	21,561	5,406	3,291	8,697	30,258	642	2,117	33,017	192,192	
Miles scheduled .....	6,294,690	...	...	...	6,294,690	226,786	808,424	7,329,900	51,703,101	
Miles flown:(4)										
Scheduled .....	6,994,916	...	...	...	6,994,916	225,900	803,770	8,024,586	53,344,956	
Non-scheduled .....	176,746	890,358	480,645	1,371,003	1,547,749	-	-	1,547,749	5,259,597	
Totals .....	7,171,662	890,358	480,645	1,371,003	8,542,665	225,900	803,770	9,572,335	58,604,553	
Passengers carried .....	428,246	34,457	14,860	49,317	477,563	259,384	58,917	795,864	4,287,886	
Goods carried:										
Cargo .....	9,707,013	1,302,833	120,175	1,423,008	11,130,021	5,118,859	6,406,433	22,842,968	144,923,422	
Excess baggage(5) .....	135,060	48,070	4,525	52,595	187,655	1,000,511	346,060	5,059,659	30,663,391	
Mail .....	3,301,351	351,527	60,210	411,737	3,713,088	6,119,370	6,752,493	27,902,627	175,586,813	
Totals .....	13,143,424	1,702,430	184,910	1,887,340	15,030,764	11,735,418	51,150,524	462,574,904	2,975,961,092	
Passenger-miles .....	386,155,042	11,511,523	2,022,397	13,533,920	399,688,962					
Goods ton-miles:										
Cargo .....	8,442,049	486,031	29,866	515,897	8,957,946	138,987	2,495,555	11,674,546	93,712,701	
Excess baggage(5) .....	71,022	10,789	247	11,036	82,058	25,619	154,795	2,195,552	13,789,848	
Mail .....	1,927,218	83,957	3,963	87,920	2,015,138	164,606	2,650,350	13,870,098	107,502,549	
Totals .....	10,440,289	580,777	34,076	614,853	11,055,142					
Bulk:										
Departures .....	2,195	12,296	18,472	30,768	32,963	...	...	...	...	
Hours flown .....	4,434	19,936	14,891	34,827	39,261	17	99	39,377	128,291	
Miles flown .....	1,158,414	1,680,137	1,672,550	3,352,687	4,511,101	4,643	35,773	4,551,517	15,262,282	
Passengers carried .....	17,942	35,262	38,891	74,153	92,095	1,650	4,555	98,300	312,886	
Freight carried .....	18,064,767	9,221,579	3,462,263	12,683,842	30,748,609	-	1,135	30,749,744	77,795,725	
Passenger-miles(6) .....	55,897,938	49,462,774	1,264,397	50,727,171	106,625,109	...	...	...	...	
Goods ton-miles(6) .....	3,767,496	804,414	215,184	1,019,598	4,787,094	...	...	...	...	
Revenue non-transportation services:										
Specialty flying - Hours flown "	100	3,759	18,903	22,662	22,762	-	-	22,762	85,049	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

May 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
	Groups I and II(1)	Group III(1)	Group IV				Total			
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures(9)	No.									
Hours flown	26,095	29,101	37,085		66,186	92,281	659	2,216	95,156	405,532
Miles flown	8,330,076	2,570,495	2,153,195		4,723,690	13,053,766	230,543	839,543	14,123,852	73,866,835
Passengers carried	446,188	69,719	53,751		123,470	569,658	261,034	63,472	894,164	4,600,772
Cargo carried	lb.	10,524,412	3,582,438		14,106,850	42,066,285(8)		6,407,568	53,592,712	222,719,147
Goods carried(5)		10,924,009	3,647,173		14,571,182	45,779,373	6,119,370	6,753,628	58,652,371	253,382,538
Passenger-miles(6)	No.	60,974,297	3,286,794		64,261,091	506,314,071				
Goods ton-miles(6)		1,385,191	249,260		1,634,451	15,842,236				
Non-revenue:(10)										
Hours flown	"	983	1,743	1,127	2,870	3,853	9	1	3,863	16,829
Passengers carried	"									
Goods carried	"									
Passenger-miles	lb.									
Goods ton-miles	"									
Fuel and oil consumed:										
Turbo fuel - Quantity	gal.	20,395,799	1,472,618	116,637	1,589,255	21,985,054	1,626,627	5,613,185	29,224,866	173,111,913
Cost	\$	3,324,455	323,506	40,543	364,049	3,688,504	156,578	820,642	4,665,724	27,327,132
Gasoline - Quantity	gal.	851,007	975,788	598,779	1,574,567	2,425,574			2,425,574	9,248,735
Cost	\$	320,200	439,731	269,493	709,224	1,029,424			1,029,424	3,801,878
Turbo oil - Quantity	gal.	4,082	268	94	362	4,444	290	135	4,869	26,179
Cost	\$	36,329	1,650	598	2,248	38,777	1,887	1,255	41,919	230,962
Other oil - Quantity	gal.	10,698	13,990	10,674	24,664	35,362			35,362	142,319
Cost	\$	12,031	34,298	17,184	51,482	63,513			63,513	215,483
Average number of employees:										
Pilots and co-pilots	No.	1,850	707	617	1,324	3,174				
Other flight personnel	"	2,521	167	46	213	2,734				
General management	"	474	229	166	395	869				
Maintenance labour	"	4,933	782	405	1,187	6,120				
Aircraft & traffic servicing	"	8,520	295	148	443	8,963				
Other personnel	"	6,468	375	281	656	7,124				
Totals	"	24,766	2,555	1,663	4,218	28,984	679	833	30,496	28,347
Salaries and wages paid:										
Pilots and co-pilots	\$	1,911,957	610,398	437,110	1,047,508	2,959,465				
Other flight personnel	\$	865,871	75,334	24,808	100,142	966,013				
General management	\$	560,422	206,791	122,049	328,840	889,262				
Maintenance labour	\$	1,901,087	446,109	231,306	697,415	2,598,502				
Aircraft & traffic servicing	\$	3,723,656	146,449	69,828	216,277	3,939,933				
Other personnel	\$	3,901,665	193,501	128,761	324,262	4,225,927				
Totals	\$	12,864,658	1,700,582	1,013,862	2,714,444	15,579,102	521,972	601,982	16,703,056	86,525,619

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

May 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)	Total	Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	19,738,831	3,259,308	22,998,139	1,111,383	302,390	1,413,773	24,411,912	164,985,781
Express .....	373,651	52,684	426,335	5,174	2,867	8,041	434,376	3,398,926
Freight .....	1,607,299	426,700	2,033,999	253,458	28,352	281,810	2,315,809	18,306,509
Excess baggage .....	92,996	33,456	126,452	11,264	1,415	12,679	139,131	912,890
Mail .....	1,492,357	184,828	1,677,185	114,839	14,448	129,287	1,806,472	10,403,615
Total unit toll transportation ..	23,305,134	3,956,976	27,262,110	1,496,118	349,472	1,845,590	29,107,700	198,007,721
Bulk transportation .....								
Total transportation .....	811,612	2,353,066	3,164,678	4,347,988	1,614,585	5,962,573	9,127,251	28,074,479
Other flying services .....	24,116,746	6,310,042	30,426,788	5,844,106	1,964,057	7,808,163	38,234,951	226,082,200
Total flying services .....	3,026	35,816	38,842	344,167	719,213	1,063,380	1,410,222	3,889,201
Non-flying services .....	24,119,772	6,345,858	30,465,630	6,188,273	2,683,270	8,871,543	39,337,173	229,971,401
Total operating revenues .....	1,133,081	81,756	1,214,837	88,846	316,656	405,502	1,620,339	5,271,444
Total operating revenues .....	25,252,853	6,427,614	31,680,467	6,277,119	2,999,926	9,277,045	40,957,512	235,242,845
Operating expenses:								
Flying operations .....								
Maintenance .....	6,778,998	2,226,712	9,005,710	2,352,174	1,151,852	3,504,026	12,509,736	67,343,902
General services and administration:	4,358,606	1,183,092	5,541,698	1,646,609	659,972	2,306,581	7,848,279	46,009,898
Passenger service .....	3,077,664	261,013	3,338,677	..	..	..	..	..
Aircraft and traffic servicing .....	4,889,436	922,288	5,811,724	..	..	..	..	..
Promotion and sales .....	6,603,882	321,724	6,925,606	..	..	..	..	..
General administration .....	2,055,110	298,154	2,353,264	..	..	..	..	..
Totals .....	16,626,092	1,803,179	18,429,271	1,134,794	502,768	1,637,562	20,066,833	106,614,829
Depreciation and amortization .....	3,847,672	350,562	4,198,234	498,121	247,016	745,137	4,943,371	23,508,127
Total operating expenses .....	31,611,368	5,563,545	37,174,913	5,631,698	2,561,608	8,193,306	45,368,219	243,476,756
Operating income (loss) .....								
Operating income (loss) .....	Dr. 6,358,515	864,065	Dr. 5,494,446	645,421	438,318	1,083,739	Dr. 4,410,707	Dr. 8,233,911
Non-operating income - Net:								
Capital gains and losses .....	-	7,964	Dr. 7,964	38,742	10,573	49,315	41,351	490,820
Interest and discounts .....	568,558	29,594	598,152	4,839	4,546	9,385	607,537	3,115,685
Miscellaneous non-operating income ..	Dr. 118,287	903	Dr. 117,384	Dr. 16,023	93,615	77,592	Dr. 39,792	Dr. 9,095
Income before interest expense .....								
Interest expense .....	Dr. 5,908,244	886,598	Dr. 5,021,642	672,979	547,052	1,220,031	Dr. 3,801,611	Dr. 4,636,501
Income before interest expense .....	2,529,254	283,793	Dr. 2,813,047	261,363	70,194	331,557	3,144,604	14,309,152
Income before income taxes .....								
Provision for income taxes .....	Dr. 8,437,498	602,805	Dr. 7,834,689	411,616	476,858	888,474	Dr. 6,946,215	Dr. 18,945,653
Income before income taxes .....	1,245,000	-	Dr. 1,245,000	1,404	1,728	3,132	1,248,132	1,308,035
Net income after income taxes .....								
Net income after income taxes .....	Dr. 9,682,498	602,805	Dr. 9,079,689	410,212	475,130	885,342	Dr. 8,194,347	Dr. 20,253,688

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

May 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
Dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	8,167,239	11,571,592	394,303	1,517,406	903,873	443,726	22,998,139	161,677,356
Express .....	255,632	118,019	7,851	36,040	-	8,793	426,335	3,354,591
Freight .....	729,905	877,394	86,674	178,947	121,019	40,060	2,033,999	17,287,872
Excess baggage .....	35,402	57,594	5,633	15,847	10,411	1,565	126,452	869,774
Mail .....	767,422	724,935	64,053	83,836	12,490	24,449	1,677,185	9,732,081
Total unit toll transportation ..	9,955,600	13,349,534	558,514	1,832,076	1,047,793	518,593	27,262,110	192,921,674
Bulk transportation .....	292,254	519,358	125,025	1,626,270	144,818	456,953	3,164,678	9,596,906
Total transportation .....	10,247,854	13,868,892	683,539	3,458,346	1,192,611	975,546	30,426,788	202,518,580
Other flying services .....	3,026	-	35,816	-	-	-	38,842	158,167
Total flying services .....	10,250,880	13,868,892	719,355	3,458,346	1,192,611	975,546	30,465,630	202,676,747
Non-flying services .....	936,053	197,028	63,159	-	12,491	6,106	1,214,837	3,988,444
Total operating revenues .....	11,186,933	14,065,920	782,514	3,458,346	1,205,102	981,652	31,680,467	206,665,191
Operating expenses:								
Flying operations .....	3,332,437	3,446,561	228,994	1,198,567	471,642	327,509	9,005,710	54,321,160
Maintenance .....	3,037,181	1,321,425	252,997	538,937	152,555	238,603	5,541,698	36,759,837
General services and administration:								
Passenger service .....	1,610,759	1,466,905	52,411	97,078	42,153	69,371	3,338,677	20,633,116
Aircraft and traffic servicing .....	3,431,283	1,458,153	113,535	580,092	87,565	141,096	5,811,724	33,507,617
Promotion and sales .....	4,161,044	2,442,838	22,678	118,170	148,145	32,731	6,925,606	34,951,676
General administration .....	1,432,741	622,369	39,000	155,741	32,382	71,031	2,353,264	10,985,494
Totals .....	10,635,827	5990,265	227,624	951,081	310,245	314,229	18,429,271	100,077,903
Depreciation and amortization .....	3,532,389	315,283	53,289	188,970	64,310	43,993	4,198,234	20,071,616
Total operating expenses .....	20,537,634	11,073,534	762,904	2,877,555	998,752	924,334	37,174,913	211,230,516
Operating income (loss) .....	Dr. 9,350,901	2,992,386	19,610	580,791	206,350	57,318	Dr. 5,494,446	Dr. 4,565,325
Non-operating income - Net:								
Capital gains and losses .....	-	-	25	7,989	-	-	Dr. 7,964	Dr. 54,843
Interest and discounts .....	512,313	56,245	38	29,556	-	-	598,152	3,081,610
Miscellaneous non-operating income ..	761	Dr. 119,048	-	2,505	Dr. 1,926	324	Dr. 117,384	Dr. 169,210
Income before interest expense .....	Dr. 8,837,827	2,929,583	19,673	604,863	204,424	57,642	Dr. 5,021,642	Dr. 1,707,768
Interest expense .....	2,192,925	336,329	43,391	143,910	85,484	11,008	2,813,047	12,911,586
Income before income taxes .....	Dr. 11,030,752	2,593,254	23,718	460,953	118,940	46,634	Dr. 7,834,689	Dr. 14,619,354
Provision for income taxes .....	-	1,245,000	-	-	-	-	1,245,000	1,245,000
Net income after income taxes .....	Dr. 11,030,752	1,348,254	23,718	460,953	118,940	46,634	Dr. 9,079,689	Dr. 15,864,354

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

May 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....									
Hours flown .....	8,378	6,215	14,593	1,330	2,066	2,155	1,417	6,968	21,561
Miles scheduled .....	2,867,483	2,315,783	5,183,266	88,109	496,104	562,320	186,852	1,333,385	6,516,651
Miles flown:(1)									
Scheduled - Regular .....	2,854,988	2,302,945	5,157,933	87,919	496,104	562,320	182,783	1,329,126	6,487,059
Extra sections.....	32,791	416,502	449,293	3,876	48,564	-	6,124	58,857	507,857
Non-scheduled .....	-	-	-	119,762	-	-	56,984	176,746	176,746
Totals .....	2,887,779	2,719,447	5,607,226	211,557	544,668	562,320	245,891	1,564,436	7,171,662
Ratio of regular miles flown to miles scheduled .....	99.6	99.4	99.5	99.8	100.0	100.0	97.8	99.7	99.5
Passengers carried .....	167,407	135,479	302,886	9,244	62,262	38,751	15,103	125,360	428,246
Goods carried:									
Freight .....	4,297,558	2,473,377	6,770,935	717,338	1,034,128	415,220	426,083	2,592,769	9,363,704
Express .....	-	200,270	200,270	23,488	92,682	-	26,869	143,039	343,309
Excess baggage(2) .....	-	25,963	25,963	19,366	57,465	32,259	7	109,097	135,060
Mail .....	1,724,705	802,486	2,527,191	262,615	369,705	48,390	93,450	774,160	3,301,351
Totals .....	6,022,263	3,502,096	9,524,359	1,022,807	1,553,980	495,869	546,409	3,619,065	13,143,424
Passenger-miles:(1)									
Scheduled .....	136,268,898	210,031,102	346,300,000	1,899,101	18,233,413	12,012,870	4,745,156	36,890,540	383,190,540
Non-scheduled .....	-	-	-	2,347,014	-	-	617,488	2,964,502	2,964,502
Totals .....	136,268,898	210,031,102	346,300,000	4,246,115	18,233,413	12,012,870	5,362,644	39,855,042	386,155,042
Available seat-miles on scheduled services(1) .....	316,317,540	372,286,868	688,604,408	3,292,809	41,955,618	24,650,036	8,506,075	78,404,538	767,008,946
Passenger load factor on scheduled services(1) .....	43.1	56.4	50.3	57.7	43.5	48.7	55.8	47.1	50.0
Goods ton-miles:(1)									
Freight - Scheduled .....	3,763,988	3,657,231	7,421,219	24,316	327,326	33,369	46,427	431,438	7,852,657
Non-scheduled .....	-	-	-	157,458	-	-	39,247	196,705	196,705
Totals .....	3,763,988	3,657,231	7,421,219	181,774	327,326	33,369	85,674	628,143	8,049,362
Express - Scheduled(1) .....	249,400	107,245	356,645	1,837	26,285	-	4,072	32,194	388,839
Non-scheduled .....	-	-	-	3,059	-	-	789	3,848	3,848
Totals .....	249,400	107,245	356,645	4,896	26,285	-	4,861	36,042	392,687

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

May 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	46,835	46,835	546	11,707	7,626	-	19,877	66,712
Non-scheduled .... "	-	-	-	4,310	4,310	-	-	4,310	4,310
Totals .....	..	46,835	46,835	4,854	11,707	7,626	-	24,187	71,022
Mail - Scheduled(1) .....	860,883	838,410	1,699,293	7,359	88,085	68,472	12,130	176,046	1,875,339
Non-scheduled .....	-	-	-	46,903	-	-	4,976	51,879	51,879
Totals .....	860,883	838,410	1,699,293	54,262	88,085	68,472	17,106	227,925	1,927,218
Total - Scheduled(1, 2) .....	4,874,271	4,649,721	9,523,992	34,056	453,403	109,467	62,629	659,555	10,183,547
Non-scheduled .....	-	-	-	211,730	-	-	45,012	256,742	256,742
Totals .....	4,874,271	4,649,721	9,523,992	245,786	453,403	109,467	107,641	916,297	10,440,289
Available ton-miles on scheduled services(1) .....	50,099,783	52,494,742	102,594,525	425,802	5,021,071	2,757,416	1,001,938	9,206,227	111,800,752
Weight load factor on scheduled services(1, 3) .....	36.9	48.9	43.0	52.6	45.3	47.5	53.6	47.2	43.4
Bulk:									
Departures .....	54	49	103	712	736	264	380	2,092	2,195
Hours flown .....	244	247	491	888	1,722	301	1,032	3,943	4,434
Miles flown .....	116,249	118,153	234,402	90,432	567,864	67,951	197,765	924,012	1,158,414
Passengers carried .....	3,206	5,564	8,770	1,500	5,747	198	1,727	9,172	17,942
Freight carried .....	561,290	19,904	581,194	211,174	8,719,646	5,750,000	2,802,753	17,483,573	18,064,767
Passenger-miles(4) .....	11,252,245	21,797,117	33,049,362	182,886	20,796,884	380,645	1,488,161	22,848,576	55,897,938
Goods ton-miles(4) .....	6,267	33,369	39,636	20,988	2,582,996	356,500	767,376	3,727,860	3,767,496
Revenue non-transportation services:									
Specialty flying - Hours flown .....	11	-	11	39	-	-	-	89	100
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) .....	8,633	6,462	15,095	2,307	3,788	2,456	2,449	11,000	26,095
Hours flown .....	3,004,028	2,837,600	5,841,628	301,989	1,112,532	630,271	443,656	2,488,448	8,330,076
Miles flown .....	1,701,613	141,043	311,656	10,744	68,056	38,949	16,830	134,532	446,188
Passengers carried .....	4,858,848	2,693,551	7,552,399	952,000	9,846,456	6,165,220	3,255,705	20,219,381	27,771,780
Cargo carried .....	6,583,553	3,322,000	10,105,553	1,235,381	10,273,626	6,245,869	3,349,162	21,102,638	31,208,191
Goods carried(2) .....	147,521,143	231,828,219	379,349,362	4,429,001	39,030,297	12,333,515	6,850,805	62,703,618	442,052,980
Passenger-miles(4) .....	4,880,538	4,683,090	9,563,628	266,774	3,036,399	465,967	875,017	4,644,157	14,207,785
Goods ton-miles(2, 4) .....									

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

May 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown ..... No.	391	182	573	89	98	74	149	410	983
Passengers carried ..... "									
Goods carried ..... lb.									
Passenger-miles ..... No.									
Goods ton-miles ..... "									
Fuel and oil consumed:									
Turbo fuel - Quantity ..... gal.	8,597,869	8,978,852	17,576,721	139,088	1,881,504	592,604	205,882	2,819,078	20,395,799
Cost ..... \$	1,306,556	1,433,300	2,739,856	30,599	383,358	124,447	46,195	584,599	3,324,455
Gasoline - Quantity ..... gal.	-	20,373	20,373	148,630	37,257	37,575	266,172	830,634	851,007
Cost ..... \$	-	5,025	5,025	50,813	143,914	12,400	108,048	315,175	320,200
Turbo oil - Quantity ..... gal.	1,197	866	2,063	127	147	1,138	7	2,019	4,082
Cost ..... \$	11,072	8,946	20,018	2,749	9,711	3,984	67	16,511	36,529
Other oil - Quantity ..... gal.	-	12	12	2,226	3,315	1,563	3,582	10,886	10,698
Cost ..... \$	-	50	50	1,939	4,144	1,251	4,647	11,981	12,031
Average number of employees:									
Pilots and co-pilots ..... No.	1,136	363	1,499	75	149	55	72	351	1,850
Other flight personnel ..... "	1,715	567	2,282	34	137	23	45	239	2,521
General management ..... "	103	125	228	21	141	64	20	246	474
Maintenance labour ..... "	3,445	755	4,200	223	272	116	122	733	4,933
Aircraft and traffic servicing ..... "	6,057	1,829	7,886	148	240	134	112	634	8,520
Other personnel ..... "	5,059	1,167	6,226	57	100	13	72	242	6,468
Total employees ..... "	17,515	4,806	22,321	558	1,039	405	443	2,445	24,766
Salaries and wages:									
Pilots and co-pilots ..... \$	892,814	624,339	1,517,153	63,545	190,654	63,360	77,245	394,804	1,911,957
Other flight personnel ..... \$	441,887	333,394	775,281	10,134	48,802	10,490	21,164	90,590	865,871
General management ..... \$	257,198	140,105	397,303	24,086	72,465	42,501	24,067	163,119	560,422
Maintenance labour ..... \$	927,138	486,856	1,413,994	113,515	205,707	81,377	86,494	487,093	1,901,087
Aircraft and traffic servicing ..... \$	2,209,967	1,126,743	3,336,710	71,045	153,957	105,514	56,430	386,946	3,723,656
Other personnel ..... \$	3,170,673	605,798	3,776,471	22,464	55,906	14,484	32,340	123,194	3,901,665
Total salaries and wages ..... \$	7,899,677	3,317,235	11,216,912	304,789	727,491	317,726	297,740	1,647,746	12,864,658

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

May 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	136,491	108,222	7,342	62,262	38,751	14,783	367,851
Domestic interline .....	30,916	12,060	1,875	-	-	-	60,047
Foreign interline .....	-	15,196	-	-	-	-	-
Totals(2) .....	167,407	135,478	9,217	62,262	38,751	14,783	427,898
<b>Express carried:</b>							
Originated .....	555,290	200,270	23,267	92,682	-	26,869	898,378
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	555,290	200,270	23,267	92,682	-	26,869	898,378
<b>Freight carried:</b>							
Originated .....	4,297,558	1,833,352	712,753	1,034,128	415,220	229,736	8,522,747
Domestic interline .....	-	14,096	-	-	-	-	14,096
Foreign interline .....	-	222,482	-	-	-	-	222,482
Totals(2) .....	4,297,558	2,069,930	712,753	1,034,128	415,220	229,736	8,759,325
<b>Excess baggage carried:</b>							
Originated .....	-	25,919	19,366	57,465	32,259	-	135,009(3)
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	25,919	19,366	57,465	32,259	-	135,009(3)
<b>Mail carried:</b>							
Originated .....	1,724,705	790,225	237,586	369,705	48,390	71,351	3,241,962
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,724,705	790,225	237,586	369,705	48,390	71,351	3,241,962

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

May 1969

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Unit toll:							
Departures .....	965	525	347	145	1,982	6,547	8,529
Hours flown .....	1,429	2,630	1,015	850	5,924	8,669	14,593
Miles scheduled .....	477,828	1,258,573	454,925	390,890	2,582,216	2,601,050	5,183,266
Miles flown:							
Scheduled - Regular .....	473,400	1,253,075	454,637	390,890	2,572,002	2,585,931	5,157,933
Extra sections .....	6,532	22,677	-	31,976	61,185	388,108	449,293
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	479,932	1,275,752	454,637	422,866	2,633,187	2,974,039	5,607,226
Ratio of regular miles flown to miles scheduled .....	99.1	99.6	99.9	100.0	99.6	99.4	99.5
Passengers carried .....	No.						
Cargo carried .....	1b.						
Mail carried .....							
Passenger-miles .....	No.	19,980,537	21,756,311	30,600,919	156,742,629	189,557,371	346,300,000
Available seat-miles on scheduled services	"	52,287,846	58,331,132	63,184,798	358,275,386	330,329,022	688,604,408
Passenger load factor on scheduled services		38.2	37.3	48.4	43.7	57.4	50.3
Goods ton-miles:							
Express .....	No.	13,895	-	-	13,895	342,750	356,645
Freight .....	"	272,640	805,892	1,146,057	4,854,821	2,566,398	7,421,219
Excess baggage .....	"	40	15,208	12,393	44,706	2,129	46,835
Mail .....	"	25,919	95,027	219,235	493,371	1,205,922	1,699,293
Totals .....	"	312,494	916,127	1,377,685	5,406,793	4,117,199	9,523,992
Available ton-miles on scheduled service ....	"	7,237,172	8,152,269	9,775,962	53,191,724	49,402,801	102,594,525
Weight load factor on scheduled services(1)		31.9	37.9	45.4	39.6	46.7	43.0
Bulk:							
Departures .....	No.	299	1	-	520	-	-
Hours flown .....	"	426	4	-	1,756	-	-
Miles flown .....	"	81,114	2,089	-	751,728	-	-
Passengers carried .....	"	1,261	-	-	23,855	-	-
Goods carried .....	1b.	4,715	6,000	-	30,619	-	-
Passenger-miles(2) .....	No.	451,020	-	-	97,604,364	-	-
Goods ton-miles(2) .....	"	-	6,267	-	39,636	-	-
Total:							
Departures .....	"	1,264	348	145	2,502	-	-
Hours flown .....	"	1,855	1,019	850	7,680	-	-
Miles flown .....	"	561,046	456,726	422,866	3,384,915	-	-
Passengers carried .....	"	-	-	-	97,847	-	-
Goods carried .....	1b.	20,431,557	21,756,311	30,600,919	3,656,601	-	-
Passenger-miles(2) .....	No.	312,494	922,394	1,377,685	254,346,993	-	-
Goods ton-miles(2) .....	"	-	-	-	5,446,429	-	-

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

May 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	144,841	160,746	305,587	34,874	36,800	71,674
Bulk ..... "	984	846	1,830	9,207	3,516	12,723
Totals ..... "	145,825	161,592	307,417	44,081	40,316	84,397
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,514,654	4,387,113	5,901,767	2,160,882	5,816,410	7,977,292
Bulk ..... "	-	-	-	1,135	19,904	21,039
Totals ..... "	1,514,654	4,387,113	5,901,767	2,162,017	5,836,314	7,998,331
Mail carried (unit toll) ..... "	223,181	869,046	1,092,227	191,468	230,497	421,965
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	6,031	8,654	14,685	185,746	206,200	391,946
Bulk ..... "	-	-	-	10,191	4,362	14,553
Totals ..... "	6,031	8,654	14,685	195,937	210,562	406,499
Freight, express and excess baggage carried:						
Unit toll ..... lb.	467,843	395,133	862,976	4,143,379	10,598,656	14,742,035
Bulk ..... "	6,000	-	6,000	7,135	19,904	27,039
Totals ..... "	473,843	395,133	868,976	4,150,514	10,618,560	14,769,074
Mail carried (unit toll) ..... "	66,336	54,148	120,484	480,985	1,153,691	1,634,676
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	32,632	41,013	73,645	153,114	165,187	318,301
Bulk ..... "	5,961	2,549	8,510	4,230	1,813	6,043
Totals ..... "	38,593	43,562	82,155	157,344	167,000	324,344
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,212,997	2,003,746	3,216,743	2,930,382	8,594,910	11,525,292
Bulk ..... "	6,000	19,904	25,904	1,135	-	1,135
Totals ..... "	1,218,997	2,023,650	3,242,647	2,931,517	8,594,910	11,526,427
Mail carried (unit toll) ..... "	174,673	113,432	288,105	306,312	1,040,259	1,346,571

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

May 1969

	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Type of service:								
Flying training .....	11,850	259,949	49,257	1,061,532	352	23,612	2,755	180,403
Recreational flying .....	1,730	41,123	6,346	149,103	101	10,569	184	19,577
Aerial photography and survey(1) ...	1,051	104,511	4,008	461,325	36	7,952	263	36,938
Aerial photography .....	50	2,622	166	6,230	-	-	37	4,258
Aerial inspection, reconnaissance and advertising(2) .....	2,429	161,065	5,832	604,693	1,350	197,514	4,664	654,184
Aerial application & distribution(3) ..	442	120,114	475	121,099	50	12,602	147	29,664
Aerial control .....	113	43,810	544	169,167	52	7,784	52	7,784
Aerial construction .....	-	-	-	-	-	-	23	4,829
Air ambulance and mercy services ...	-	-	28	3,080	13	374	22	1,775
Aircraft rental .....	2,797	55,735	9,356	176,908	76	5,299	481	32,550
Non-transportation charter .....	152	13,606	488	42,379	118	11,080	389	64,495
Totals .....	20,614	802,535	76,500	2,795,516	2,148	276,786	9,017	1,036,457

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

May 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 21	...	10	...	31	...
Helicopters - Owned .....	" 234	221	38	33	272	254
Leased .....	" 25	18	-	1	25	19
Totals .....	" 259	239	38	35	297	273
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 10,166	27,775	912	3,337	11,078	31,112
Specialty .....	" 1,707	7,248	441	1,769	2,148	9,017
Totals .....	" 11,873	35,023	1,353	5,106	13,226	40,129
Non-revenue hours flown .....	" 563	2,274	22	258	585	2,532
Fuel and oil consumed:						
Gasoline .....	gal. 221,036	660,373	29,886	103,160	250,922	763,533
Cost .....	\$ 100,625	299,223	12,985	44,533	113,610	343,756
Oil .....	gal. 4,481	13,884	346	1,201	4,827	15,085
Cost .....	\$ 8,783	25,291	690	2,198	9,473	27,489
Average number of employees:						
Pilots .....	No. 281	230	28	22	309	253
Administrative .....	" 146	132	1	1	147	133
Maintenance labour .....	" 270	250	17	14	287	264
Other personnel .....	" 27	27	-	1	27	28
Totals .....	" 724	639	46	38	770	678
Salaries and wages:						
Pilots .....	\$ 253,178	1,354,705	19,565	78,446	272,743	1,433,151
Administrative .....	\$ 106,842	473,225	400	2,600	107,242	475,825
Maintenance labour .....	\$ 175,083	815,392	10,219	41,867	185,302	857,259
Other personnel .....	\$ 11,986	62,693	-	1,896	11,986	64,589
Totals .....	\$ 547,089	2,706,015	30,184	124,809	577,273	2,830,824

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV

May 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,476,289	4,126,356
Total transportation .....	1,476,289	4,126,356
Other flying services .....	226,518	809,210
Total flying services .....	1,702,807	4,935,566
Non-flying services .....	Dr. 9,535	73,040
Total operating revenues .....	1,693,272	5,008,606
Operating expenses:		
Flying operations .....	574,399	2,325,318
Maintenance .....	534,515	2,252,044
General service and administration .....	185,854	883,313
Depreciation and amortization .....	148,175	629,979
Total operating expenses .....	1,442,943	6,090,654
Operating income (deficit) .....	250,329	Dr. 1,082,048
Non-operating income:		
Capital gains and losses .....	1,860	Dr. 27,874
Interest and discounts .....	153	6,621
Miscellaneous non-operating income .....	Dr. 387	Dr. 3
Income before interest expense .....	251,955	Dr. 1,103,304
Interest expense .....	74,288	290,174
Income before income taxes .....	177,667	Dr. 1,393,478
Provision for income taxes .....	300	1,500
Net income after income taxes .....	177,367	Dr. 1,394,978

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-Carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per timetables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
  - Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
  - Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.

CATALOGUE No.

51-001

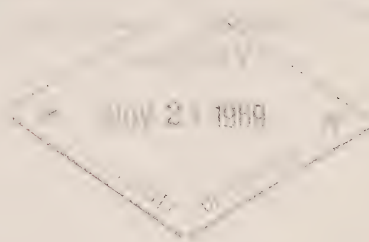
MONTHLY

Government  
Publications



# CIVIL AVIATION

JUNE 1969



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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

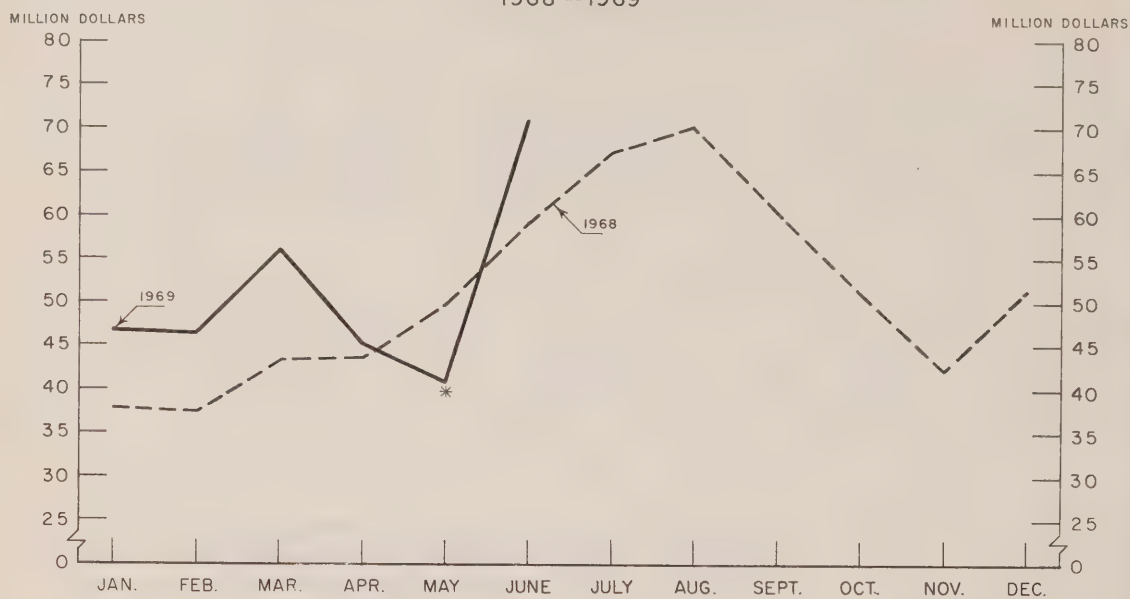
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

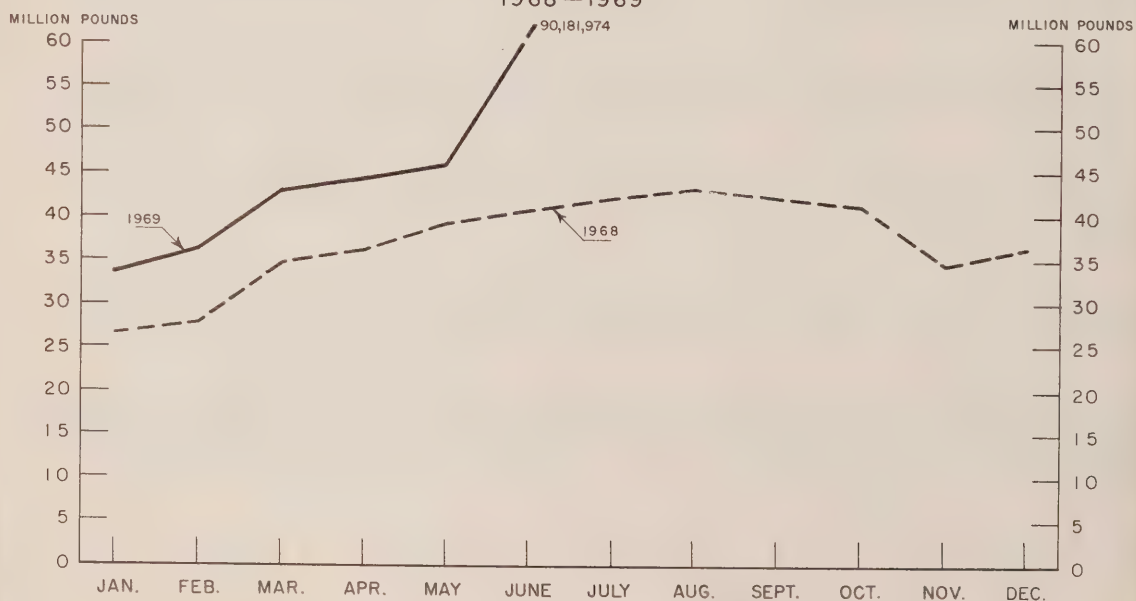
Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT+EXPRESS+EXCESS BAGGAGE+MAIL)

## REVIEW OF JUNE OPERATIONS

Airline operations in Canada resumed a more normal aspect during the month of June. During the period April 20 to May 20 a strike by employees of Air Canada disrupted the normal balance of air carrier activity. After the strike, temporary permits giving authority to operate over the inter-city routes of Air Canada were cancelled.

CP Air, Eastern Provincial Airways, Nordair, Pacific Western Airlines, Quebecair, Transair and other smaller companies returned to their normal types of activity during the month of June.

Compared to June 1968 figures, the reported totals for Canadian carriers for 1969 show growth in most areas with especially large relative gains in goods transport and charter traffic. Among the smaller companies there was an increase in the volume of specialty flying and revenues earned with fixed-wing aircraft while specialty flying activities with helicopters decreased. Helicopter charter operations however, showed an increase.

The six major carriers reported an increase of over 92,000 in the number of passengers carried in unit toll operations compared to June 1968. Freight traffic reported by these carriers increased by over 2 million pounds and by almost 1.9 million goods ton-miles. Charter flights showed considerable gains as the number of passengers carried rose by over 17,000 and the number of charter passenger-miles reported increased by more than two and one half fold to 125 million. The operating revenues of the six major carriers increased by a total of over \$7.8 million during the month and operating expenses increased by more than \$7.1 million. Although operating income for these carriers improved by \$170,000 over the \$7,229,516 reported in June 1968, the net income before taxes remained almost unchanged. The major increase in expenses which accounted for this lack of change was in interest expense which grew by more than \$700,000.

Carriers in Groups III and IV also reported increased revenues and expenses. Total operating revenues for Group III companies increased by 38.3 per cent as very large charter operations involving goods transport were reported along with a doubling of passenger revenue. Group IV carriers reported an increase of about one third in operating revenues as charter operations increased and specialty flying revenues more than doubled. However, operating expenses for Groups III and IV did not increase by the same amount so the reported operating income position of these companies improved. Group III carriers showed an increase of over \$800,000 in operating income and Group IV operating income improved by almost \$500,000.

Totals for all carriers in Groups I-IV indicate that the operating income for June 1969 was more than \$2 million greater than in 1968. In spite of the losses recorded by Air Canada during the strike, total figures for the approximately 120 carriers reporting monthly show that for the year-to-date total operating revenues were \$3.4 million greater than total operating expenses.

Foreign airlines operating scheduled air services in Canada reported increased passenger and goods traffic during the month of June compared to the same period a year earlier. United States carriers reported an increase of more than 33,000 in the number of passengers carried and an additional 800,000 lbs. of cargo. The number of unit toll passenger-miles reported by U.S. carriers increased by over 50 per cent to 11.6 million and cargo ton-miles grew by almost 75 per cent to 122,636. Other foreign carriers also reported substantial increases in unit toll passenger-miles and weight of goods carried and the number of charter passengers reported more than doubled.

Year-to-date totals for Canadian and foreign air carriers show an increase of over 450,000 in the number of passengers carried and a gain of more than 100 million pounds in the weight of goods carried compared to the first six months of 1968. In performing these services the airlines used approximately 17.8 million additional gallons of turbo fuel but about 800,000 fewer gallons of gasoline. These figures indicate the gradual change to turbine powered aircraft by an increasing number of air carriers.

In order to handle the increased volume of business during 1969 Canadian air carriers found it necessary to increase employment and pay higher salaries and wages. In June 1969 there were 3,060 more employees reported than in June 1968. The total amount paid out in salaries and wages during the month was \$3.8 million greater than in 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

June 1969

	Canadian carriers				Foreign carriers(2)		Grand total all carriers	Year to date	
	Scheduled carriers		Non-scheduled carriers		Total Canadian carriers	United States carriers			Other Foreign carriers(3)
	Group I and II(1)	Group III(1)	Group IV	Total					
Number of carriers reporting ...	6	36	77	113	119	11	11	141	...
Revenue transportation services:									
Unit toll:									
Departures(9) .....									
Hours flown .....	37,324	5,251	2,350	7,601	44,925	805	2,353	48,083	240,275
Miles scheduled .....	12,167,950	...	...	...	12,167,950	272,790	839,572	13,280,312	64,983,413
Miles flown:(4)									
Scheduled .....	12,256,511	849,432	316,422	1,165,854	12,256,511	269,074	851,390	13,376,975	66,721,931
Non-scheduled .....	217,937	849,432	316,422	1,165,854	1,383,791	-	-	1,383,791	6,643,388
Totals .....	12,474,448	849,432	316,422	1,165,854	13,640,302	269,074	851,390	14,760,766	73,365,319
Passengers carried .....	820,938	28,049	8,623	36,672	857,610	211,391	64,295	1,133,296	5,421,182
Goods carried:									
Cargo .....	19,291,060	1,592,609	268,188	1,860,797	21,151,857	3,528,937	5,696,771	30,628,714	175,552,136
Excess baggage(5) .....	159,584	52,766	38,799	91,565	251,149				
Mail .....	5,085,838	324,359	46,050	370,409	5,456,247	776,850	312,958	6,546,055	37,209,446
Totals .....	24,536,482	1,969,734	353,037	2,322,771	26,859,253	4,305,787	6,009,729	37,174,769	212,761,582
Passenger-miles .....	761,463,179	5,701,369	2,339,124	8,040,493	769,503,672	11,620,170	60,909,668	842,033,510	3,817,994,602
Goods ton-miles:									
Cargo .....	16,036,120	681,395	33,747	715,142	16,751,262	122,636	1,648,790	18,627,544	112,340,245
Excess baggage(5) .....	88,977	13,108	2,771	15,879	104,856				
Mail .....	2,637,750	124,945	4,413	129,358	2,767,108	20,713	116,186	2,904,007	16,693,855
Totals .....	18,762,847	819,448	40,931	860,379	19,623,226	143,349	1,764,976	21,531,551	129,034,100
Bulk:									
Departures .....	3,191	24,729	25,885	50,614	53,805				
Hours flown .....	5,720	36,779	23,930	62,709	68,429				
Miles flown .....	1,555,108	2,648,921	2,539,246	5,188,167	6,743,275	3,179	71,172	6,817,626	196,958
Passengers carried .....	37,891	64,645	57,302	121,947	159,838	1,266	11,085	172,189	22,079,908
Freight carried .....	44,897,017	12,019,295	6,406,409	18,425,704	63,322,721				
Passenger-miles(6) .....	124,944,584	74,481,385	1,168,815	75,650,200	200,594,784	-	-	63,322,721	141,118,446
Goods ton-miles(6) .....	14,672,794	819,741	228,171	1,047,912	15,720,706				
Revenue non-transportation services:									
Specialty flying - Hours flown "	281	5,346	20,696	26,042	26,323	-	-	26,323	111,372

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

	Canadian carriers					Grand total all carriers	Year to date
	Non-scheduled carriers			Foreign carriers(2)			
	Scheduled carriers	Group III(1)	Group IV	Total	Total Canadian carriers		
Groups I and II(1)	Group III(1)	Group IV	Total	Total Canadian carriers	United States carriers	Other Foreign carriers(3)	
Total - All services:							
Revenue:							
Traffic, miles and hours:(7)							
Departures(9)	No.						
Hours flown	43,325	47,376	48,976	96,352	139,677	815	2,581
Miles flown	14,029,556	3,498,353	2,855,668	6,334,021	20,383,577	272,253	922,562
Passengers carried	858,829	92,694	65,925	158,619	1,017,448	212,657	75,380
Cargo carried	64,188,077	13,611,904	6,474,597	20,286,501	84,725,727(8)	3,528,937	5,696,771
Goods carried(5)	69,433,499	13,989,029	6,759,446	20,748,475	90,181,974	4,305,787	6,009,729
Passenger-miles(6)	886,407,763	80,182,754	3,507,939	83,690,693	970,098,456	..	..
Goods ton-miles(6)	33,435,641	1,639,189	269,102	1,908,291	35,343,932	..	..
Non-revenue:(10)							
Hours flown	1,281	1,763	1,141	2,904	4,185	2	-
Passengers carried							
Goods carried							
Passenger-miles							
Goods ton-miles							
Fuel and oil consumed:							
Turbo fuel - Quantity	37,702,824	2,504,388	118,698	2,623,086	40,325,910	1,510,475	6,247,009
Cost	5,903,563	539,607	41,359	580,966	6,484,529	131,653	1,273,219
Gasoline - Quantity	812,689	1,333,503	959,389	2,272,892	3,085,581	-	-
Cost	302,553	589,435	397,119	986,574	1,289,127	-	-
Turbo oil - Quantity	5,828	1,383	972	2,355	8,183	259	63
Cost	51,679	5,873	1,863	7,736	59,415	1,742	635
Other oil - Quantity	8,269	16,930	13,334	30,264	38,533	-	-
Cost	10,338	29,397	24,468	53,865	64,203	-	-
Average number of employees:							
Pilots and co-pilots	1,876	824	713	1,537	3,413	..	..
Other flight personnel	2,692	195	47	242	2,934	..	..
General management	477	268	176	444	921	..	..
Maintenance labour	4,982	923	457	1,380	6,362	..	..
Aircraft & traffic servicing	8,791	455	157	612	9,403	..	..
Other personnel	6,528	398	297	695	7,223	..	..
Totals	25,346	3,063	1,847	4,910	30,256	684	832
Salaries and wages paid:							
Pilots and co-pilots	2,895,362	757,615	529,713	1,287,328	4,182,690	..	..
Other flight personnel	1,527,836	102,235	23,984	126,219	1,654,055	..	..
General management	575,249	255,511	382,154	957,403	957,403	..	..
Maintenance labour	3,440,224	555,037	249,394	804,431	4,244,655	..	..
Aircraft & traffic servicing	5,367,572	272,714	69,792	342,506	5,710,078	..	..
Other personnel	4,487,646	202,094	139,565	341,659	4,829,305	..	..
Totals	18,293,889	2,145,206	1,139,091	3,284,297	21,578,186	450,213	596,723

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

June 1969

	Scheduled carriers			Non-scheduled carriers				Grand total	Year to date
	Group I	Group II (1)	Total	Group III (1)	Group IV	Total	Total		
Operating revenues:									
Unit toll transportation:									
Passengers .....	41,525,169	2,899,356	44,424,525	801,929	179,914	981,843	45,406,368	210,392,149	
Express .....	749,881	56,119	806,000	7,675	413	8,088	814,088	4,213,014	
Freight .....	3,045,756	407,178	3,452,934	318,164	64,758	382,922	3,835,856	22,142,365	
Excess baggage .....	196,741	34,436	231,177	17,371	3,521	20,892	252,069	1,164,959	
Mail .....	1,764,164	182,344	1,946,508	144,123	10,280	154,403	2,100,911	12,504,526	
Total unit toll transportation ..	47,281,711	3,579,433	50,861,144	1,289,262	258,886	1,548,148	52,409,292	230,417,013	
Bulk transportation:									
Bulk transportation .....	2,540,387	2,530,477	5,070,864	6,931,471	2,625,037	9,556,508	14,627,372	42,701,851	
Total transportation .....	49,822,098	6,109,910	55,932,008	8,220,733	2,883,923	11,104,656	67,036,664	293,118,864	
Other flying services .....	16,538	132,027	148,565	634,708	1,232,333	1,907,041	2,055,606	5,944,607	
Total flying services .....	49,838,636	6,241,937	56,080,573	8,875,441	4,116,256	13,011,697	69,092,270	299,063,671	
Non-flying services .....	944,897	181,019	1,125,916	219,237	342,866	562,103	1,688,019	6,959,461	
Total operating revenues .....	50,783,533	6,422,956	57,206,489	9,094,678	4,479,122	13,573,800	70,780,289	306,023,134	
Operating expenses:									
Flying operations .....									
Maintenance .....	10,887,972	2,321,351	13,209,323	2,778,505	1,548,814	4,327,319	17,536,642	84,880,544	
General services and administration:	6,843,817	1,183,846	8,027,663	2,079,843	827,448	2,907,291	10,934,954	56,944,852	
Passenger service .....	5,159,610	257,178	5,416,788	..	..	..	..	..	
Aircraft and traffic servicing .....	6,685,805	978,266	7,664,071	..	..	..	..	..	
Promotion and sales .....	7,890,742	299,809	8,190,551	..	..	..	..	..	
General administration .....	2,049,910	345,041	2,394,951	..	..	..	..	..	
Totals .....	21,786,067	1,880,294	23,666,361	1,361,227	472,345	1,833,572	25,499,933	132,114,762	
Depreciation and amortization .....	4,002,343	360,354	4,362,697	544,587	257,792	802,379	5,165,076	28,673,203	
Total operating expenses .....	43,520,199	5,745,845	49,266,044	6,764,162	3,106,399	9,870,561	59,136,605	302,613,361	
Operating income (loss) .....	7,263,334	677,111	7,940,445	2,330,516	1,372,723	3,703,239	11,643,684	3,409,773	
Non-operating income - Net:									
Capital gains and losses .....	36,259	10,862	47,121	89,919	67,766	157,685	204,806	695,626	
Interest and discounts .....	616,638	12,190	628,828	22,004	5,730	27,734	656,562	3,772,247	
Miscellaneous non-operating income ..	Dr.	10,318	Dr.	75,043	5,012	80,055	4,835	Dr.	
Income before interest expense .....	7,830,693	710,481	8,541,174	2,517,482	1,451,231	3,968,713	12,509,887	7,873,386	
Interest expense .....	2,475,038	228,185	2,703,223	289,271	100,021	389,292	3,092,515	17,401,667	
Income before income taxes .....	5,355,655	482,296	5,837,951	2,228,211	1,351,210	3,579,421	9,417,372	Dr.	
Provision for income taxes .....	572,000	331,000	903,000	89,729	28,669	118,398	1,021,398	2,329,433	
Net income after income taxes .....	4,783,655	151,296	4,934,951	2,138,482	1,322,541	3,461,023	8,395,974	Dr.	

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

June 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	32,170,219	9,354,950	462,157	1,453,666	563,314	420,219	44,424,525	206,101,881
Express .....	680,006	69,875	4,612	41,238	-	10,269	806,000	4,160,591
Freight .....	2,201,020	844,736	98,646	138,381	128,572	41,579	3,452,934	20,740,806
Excess baggage .....	132,993	63,748	6,609	15,705	10,387	1,735	231,177	1,100,951
Mail .....	1,262,250	501,914	46,410	105,863	9,665	20,406	1,946,508	11,678,589
Total unit toll transportation ..	36,446,488	10,835,223	618,434	1,754,853	711,938	494,208	50,861,144	243,782,818
Bulk transportation .....	1,564,453	975,934	175,698	1,795,622	273,679	285,478	5,070,864	14,667,770
Total transportation .....	38,010,941	11,811,157	794,132	3,550,475	985,617	779,686	55,932,008	258,450,588
Other flying services .....	16,538	-	132,027	-	-	-	148,565	306,732
Total flying services .....	38,027,479	11,811,157	926,159	3,550,475	985,617	779,686	56,080,573	258,757,320
Non-flying services .....	760,890	184,007	173,489	1,148	1,148	6,382	1,125,916	5,114,360
Total operating revenues .....	38,788,369	11,995,164	1,099,648	3,550,475	986,765	786,068	57,206,489	263,871,680
Operating expenses:								
Flying operations .....	7,539,639	3,348,333	346,127	1,160,622	492,734	321,868	13,209,323	67,530,483
Maintenance .....	5,595,714	1,248,103	356,179	489,648	131,525	206,494	8,027,663	44,787,500
General services and administration:								
Passenger service .....	3,851,923	1,307,687	52,794	120,669	25,833	57,882	5,416,788	26,049,904
Aircraft and traffic servicing .....	5,416,056	1,269,749	152,027	642,266	61,383	122,590	7,664,071	41,171,688
Promotion and sales .....	5,536,867	2,353,875	37,915	117,045	98,123	46,726	8,190,551	43,142,227
General administration .....	1,463,368	586,542	44,179	171,480	56,471	72,911	2,394,951	13,380,445
Totals .....	16,268,214	5,517,853	286,915	1,051,460	241,810	300,109	23,666,361	123,744,264
Depreciation and amortization .....	3,668,873	333,470	55,708	187,734	68,839	48,073	4,362,697	24,434,313
Total operating expenses .....	33,072,440	10,447,759	1,044,929	2,889,464	934,908	876,544	49,266,044	260,496,560
Operating income (loss) .....	5,715,929	1,547,405	54,719	661,011	51,857	90,476	7,940,445	3,375,120
Non-operating income - Net:								
Capital gains and losses .....	36,259	-	20,184	9,322	-	-	47,121	7,722
Interest and discounts .....	574,795	41,843	19,145	31,335	-	-	628,828	3,710,438
Miscellaneous non-operating income ..	11,024	96,562	9,145	2,307	3,701	221	75,220	244,430
Income before interest expense .....	6,338,007	1,482,686	64,903	680,717	55,558	90,697	8,541,174	6,833,406
Interest expense .....	2,125,598	349,440	39,312	132,176	48,472	8,225	2,703,223	15,614,809
Income before income taxes .....	4,212,409	1,143,246	25,591	548,541	7,086	98,922	5,837,951	8,781,403
Provision for income taxes .....	-	572,000	-	331,000	-	-	903,000	2,148,000
Net income after income taxes .....	4,212,409	571,246	25,591	217,541	7,086	98,922	4,934,951	10,929,403

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

June 1969

	Group I carriers			Group II carriers(1)				Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Ltd.	Transair Ltd.	
Revenue transportation services:								
Unit toll:								
Departures(6) .....	No.							
Hours flown .....	26,046	5,347	31,393	1,253	1,948	1,394	1,336	37,324
Miles scheduled .....	8,813,145	2,374,153	11,187,298	90,108	464,066	241,534	184,944	12,167,950
Miles flown:(1)								
Scheduled - Regular .....	8,756,416	2,316,940	11,073,356	70,054	455,582	241,534	181,490	12,022,016
Extra sections .....	148,514	23,048	171,562	9,281	46,635	-	7,017	234,495
Non-scheduled .....	-	-	-	172,872	502,217	241,534	45,065	217,937
Totals .....	8,904,930	2,339,988	11,244,918	252,207	502,217	241,534	233,572	12,474,448
Ratio of regular miles flown to miles scheduled .....	99.4	97.6	99.0	77.7	98.2	100.0	98.1	98.8
Passengers carried .....	No.							
Goods carried:								
Freight .....	12,186,991	2,390,964	14,577,955	837,201	983,017	461,568	365,971	17,225,712
Express .....	1,737,893	164,747	1,902,640	13,306	114,338	-	35,064	2,065,348
Excess baggage(2) .....	31,710	22,296	53,710	22,296	57,127	48,451	-	127,874
Mail .....	4,152,315	298,089	4,450,404	206,460	318,306	43,690	66,378	5,085,838
Totals .....	18,077,199	2,885,510	20,962,709	1,079,263	1,473,388	553,709	467,413	24,536,482
Passenger-miles:(1)								
Scheduled .....	557,326,602	172,736,621	730,063,223	2,211,568	15,195,172	6,179,960	4,347,018	757,996,941
Non-scheduled .....	-	-	-	3,072,092	-	-	394,146	3,466,238
Totals .....	557,326,602	172,736,621	730,063,223	5,283,660	15,195,172	6,179,960	4,741,164	761,463,179
Available seat-miles on scheduled services(1) .....	987,053,573	315,705,739	1,302,759,312	5,493,398	27,088,693	10,918,708	9,055,100	1,355,315,211
Passenger load factor on scheduled services(1) .....	56.5	54.7	56.0	40.3	56.1	56.6	48.0	55.9
Goods ton-miles:(1)								
Freight - Scheduled .....	11,037,990	3,518,147	14,556,137	17,768	311,462	90,785	48,699	15,024,851
Non-scheduled .....	-	-	-	203,070	-	-	25,138	228,208
Totals .....	11,037,990	3,518,147	14,556,137	220,838	311,462	90,785	73,837	15,253,059
Express - Scheduled(1) .....	663,462	79,634	743,096	637	31,282	-	5,487	780,502
Non-scheduled .....	-	-	-	1,753	-	-	806	2,559
Totals .....	663,462	79,634	743,096	2,390	31,282	-	6,293	783,061

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

June 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	60,244	60,244	1,544	10,913	12,027	-	24,484	84,728
Non-scheduled .. " "	-	-	-	4,249	-	-	-	4,249	4,249
Totals .....	..	60,244	60,244	5,793	10,913	12,027	-	28,733	88,977
Mail - Scheduled(1) .....	2,064,245	434,911	2,499,156	20,470	79,161	8,169	7,185	114,985	2,614,141
Non-scheduled .. " "	-	-	-	18,308	-	-	5,301	23,609	23,609
Totals .....	2,064,245	434,911	2,499,156	38,778	79,161	8,169	12,486	138,594	2,637,750
Total - Scheduled(1, 2) .....	13,765,697	4,092,936	17,858,633	40,419	432,818	110,981	61,371	645,589	18,504,222
Non-scheduled .. " "	-	-	-	227,380	-	-	31,245	258,625	258,625
Totals .....	13,765,697	4,092,936	17,858,633	267,799	432,818	110,981	92,616	904,214	18,762,847
Available ton-miles on scheduled services(1) .....	150,627,121	43,445,025	194,072,146	592,273	4,561,700	1,275,039	1,403,336	7,832,348	201,904,494
Weight load factor on scheduled services(1, 3) .....	46.1	49.2	46.8	44.2	42.8	57.2	35.3	43.9	46.7
Bulk:									
Departures .....	257	85	342	1,186	602	777	284	2,849	3,191
Hours flown .....	1,014	385	1,399	1,348	1,529	722	722	4,321	5,720
Miles flown .....	468,325	182,132	650,457	141,563	522,046	107,839	133,203	904,651	1,555,108
Passengers carried .....	15,945	8,519	24,464	2,643	8,593	320	1,871	13,427	37,891
Freight carried .....	147,287	-	147,287	308,545	5,105,198	37,521,051	1,814,936	44,749,730	44,897,017
Passenger-miles(4) .....	56,554,676	34,080,164	90,634,840	279,738	32,008,961	210,019	1,811,026	34,309,744	124,944,584
Goods ton-miles(4) .....	231,973	-	231,973	30,714	2,098,988	11,888,620	422,499	14,440,821	14,672,794
Revenue non-transportation services:									
Specialty flying - Hours flown .....	58	-	58	223	-	-	-	223	281
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Hours flown .....	27,118	5,732	32,850	2,824	3,477	2,116	2,058	10,475	43,325
Miles flown .....	9,373,255	2,522,120	11,895,375	993,770	1,024,263	349,373	366,775	2,134,181	14,029,556
Passengers carried .....	636,612	108,887	745,499	15,359	66,288	16,069	15,614	113,330	858,829
Cargo carried .....	14,072,171	2,555,711	16,627,882	1,159,052	6,202,553	37,982,619	2,215,971	47,560,195	64,188,077
Goods carried(2) .....	18,224,486	2,885,510	21,109,996	1,387,808	6,578,586	38,074,760	2,282,349	48,323,503	69,433,499
Passenger-miles(4) .....	613,881,278	206,816,785	820,698,063	5,563,398	47,204,133	6,389,979	6,552,190	65,709,700	886,407,763
Goods ton-miles(2, 4) .....	13,997,670	4,092,936	18,090,606	298,513	2,531,806	11,999,601	515,115	15,345,035	33,435,641

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

June 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown ..... No.	602	191	793	154	87	91	156	488	1,281
Passengers carried ..... "									
Goods carried ..... lb.									
Passenger-miles ..... No.									
Goods ton-miles ..... "									
Fuel and oil consumed:									
Turbo fuel - Quantity ..... gal.	27,026,808	7,940,735	34,967,543	355,675	1,680,742	484,571	214,293	2,735,281	37,702,824
Cost ..... \$	4,036,869	1,278,319	5,315,188	75,688	360,238	101,760	50,689	588,1375	5,903,563
Gasoline - Quantity ..... gal.	-	-	-	150,587	352,143	3,412	306,547	812,689	812,689
Cost ..... \$	-	-	-	51,636	128,076	1,126	121,715	302,553	302,553
Turbo oil - Quantity ..... gal.	3,282	822	4,104	63	677	978	6	1,724	5,828
Cost ..... \$	30,898	7,547	38,445	945	8,801	3,424	64	13,234	51,679
Other oil - Quantity ..... gal.	-	-	-	2,152	3,351	453	2,313	8,269	8,269
Cost ..... \$	-	-	-	2,690	4,189	362	3,097	10,338	10,338
Average number of employees:									
Pilots and co-pilots ..... No.	1,142	363	1,505	75	169	55	72	371	1,876
Other flight personnel ....	1,876	516	2,392	92	140	23	45	300	2,692
General management ..... "	103	126	229	22	142	64	20	248	477
Maintenance labour ..... "	3,480	760	4,240	228	276	116	122	742	4,982
Aircraft and traffic servicing .....	6,259	1,886	8,145	148	252	134	112	646	8,791
Other personnel .....	5,032	1,239	6,271	56	116	13	72	257	6,528
Total employees .....	17,892	4,890	22,782	621	1,095	405	443	2,564	25,346
Salaries and wages:									
Pilots and co-pilots ..... \$	1,842,264	599,085	2,441,349	103,554	211,100	61,453	77,906	454,013	2,895,362
Other flight personnel ....	1,091,324	334,105	1,425,429	18,637	50,720	10,722	22,328	102,407	1,527,836
General management ..... \$	251,870	145,348	397,218	24,327	88,102	43,992	21,610	178,031	575,249
Maintenance labour ..... \$	2,415,361	477,280	2,892,641	182,103	227,834	67,479	70,167	547,583	3,440,224
Aircraft and traffic servicing .....	3,942,810	1,023,139	4,965,949	97,244	164,644	83,023	56,712	401,623	5,367,572
Other personnel .....	3,742,684	612,514	4,355,198	35,880	52,567	12,892	31,109	132,448	4,487,646
Total salaries and wages .....	13,286,313	3,191,471	16,477,784	461,745	794,967	279,561	279,832	1,816,105	18,293,889

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

June 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	512,677	79,691	9,612	57,695	16,069	13,340	689,084
Domestic interline .....	107,990	10,124	3,072	-	-	-	131,738
Foreign interline .....	620,667	100,367	12,684	57,695	16,069	13,340	820,822
Totals(2) .....							
<b>Express carried:</b>							
Originated .....	1,737,893	164,747	13,306	114,338	-	35,064	2,065,348
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,737,893	164,747	13,306	114,338	-	35,064	2,065,348
<b>Freight carried:</b>							
Originated .....	12,186,991	1,794,467	834,995	983,017	461,568	239,284	16,500,322
Domestic interline .....	-	32,994	-	-	-	-	32,994
Foreign interline .....	-	125,467	-	-	-	-	125,467
Totals(2) .....	12,186,991	1,952,928	834,995	983,017	461,568	239,284	16,638,783
<b>Excess baggage carried:</b>							
Originated .....	..	31,654	22,296	57,127	48,451	-	159,528
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	31,654	22,296	57,127	48,451	-	159,528
<b>Mail carried:</b>							
Originated .....	4,152,315	298,089	188,008	318,906	43,690	35,590	5,036,598
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,152,315	298,089	188,008	318,906	43,690	35,590	5,036,598

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

June 1969

Unit toll:	Trans-Border Services	Trans-Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,660	1,061	599	300	4,620	14,850	19,470
Hours flown .....	5,243	5,243	1,685	1,175	12,248	19,145	31,393
Miles scheduled .....	1,268,057	2,569,198	723,154	535,166	5,095,575	6,091,723	11,187,298
Miles flown:							
Scheduled - Regular .....	1,259,035	2,503,833	720,293	535,039	5,018,200	6,055,156	11,073,356
Extra sections .....	12,910	17,054	2,116	19,498	51,638	119,924	171,562
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,271,945	2,520,887	722,469	554,537	5,069,838	6,175,080	11,244,918
Ratio of regular miles flown to miles scheduled .....	99.3	97.5	99.6	100.0	98.5	99.4	99.0
Passengers carried .....	..	..	..	..	210,967	510,068	721,035
Cargo carried .....	..	..	..	..	6,532,331	9,979,974	16,512,305
Mail carried .....	..	..	..	..	560,822	3,889,582	4,450,404
Passenger-miles .....	No.						
Available seat-miles on scheduled services	71,702,003	170,217,380	39,397,552	44,888,699	326,205,364	403,857,589	730,063,223
Passenger load factor on scheduled services	138,450,330	365,340,541	86,444,732	83,224,755	673,460,358	629,298,954	1,302,759,312
Weight load factor on scheduled services(1)	51.8	46.6	45.6	53.9	48.4	64.2	56.0
Goods ton-miles:							
Express .....	54,338	-	-	-	54,338	688,758	743,096
Freight .....	756,637	5,716,185	972,452	1,361,977	8,807,251	5,748,886	14,556,137
Excess baggage .....	147	16,269	25,377	16,756	58,549	1,695	60,244
Mail .....	58,399	294,964	129,093	275,849	758,305	1,740,851	2,499,156
Totals .....	869,521	6,027,418	1,126,922	1,654,582	9,678,443	8,180,190	17,858,663
Available ton-miles on scheduled service ...	18,968,358	56,303,366	11,794,796	12,249,146	91,315,666	94,756,480	194,072,146
Weight load factor on scheduled services(1)	42.4	40.9	43.0	50.2	42.6	51.3	46.8
Bulk:							
Departures .....	443	431	36	-	910	..	..
Hours flown .....	550	2,410	94	-	3,054	..	..
Miles flown .....	1,08,277	1,208,826	40,273	-	1,357,376	..	..
Passengers carried .....	2,803	45,246	1,119	-	49,168	..	..
Goods carried .....	59,011	131,159	16,128	-	206,298	..	..
Passenger-miles(2) .....	1,224,754	190,173,056	2,207,349	-	193,608,159	..	..
Goods ton-miles(2) .....	10,768	218,642	13,351	-	242,741	..	..
Total:							
Departures .....	3,103	1,492	635	300	5,530	..	..
Hours flown .....	4,695	7,653	1,779	1,175	15,302	..	..
Miles flown .....	1,380,222	3,729,713	762,742	554,537	6,427,214	..	..
Passengers carried .....	..	..	..	..	260,135	..	..
Goods carried .....	..	..	..	..	7,299,451	..	..
Passenger-miles(2) .....	..	..	..	..	519,813,523	..	..
Goods ton-miles(2) .....	..	..	..	..	9,921,184	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

June 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	180,289	182,133	362,422	49,666	48,550	98,216
Bulk ..... "	1,042	1,115	2,157	18,332	15,212	33,544
Totals ..... "	181,331	183,248	364,579	67,998	63,762	131,760
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,736,995	5,123,573	6,860,568	2,062,552	5,626,785	7,689,337
Bulk ..... "	-	-	-	131,159	-	131,159
Totals ..... "	1,736,995	5,123,573	6,860,568	2,193,711	5,626,785	7,820,496
Mail carried (unit toll) ..... "	210,679	810,871	1,021,550	201,961	308,719	510,680
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	11,587	13,042	24,629	241,542	243,725	485,267
Bulk ..... "	-	-	-	19,374	16,327	35,701
Totals ..... "	11,587	13,042	24,629	260,916	260,052	520,968
Freight, express and excess baggage carried:						
Unit toll ..... lb.	488,966	534,667	1,023,633	4,288,513	11,285,025	15,573,538
Bulk ..... "	10,128	6,000	16,128	141,287	6,000	147,287
Totals ..... "	499,094	540,667	1,039,761	4,429,800	11,291,025	15,720,825
Mail carried (unit toll) ..... "	86,565	31,617	118,182	499,205	1,151,207	1,650,412
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	104,288	105,293	209,581	137,254	138,432	275,686
Bulk ..... "	13,183	10,167	23,350	6,191	6,160	12,351
Totals ..... "	117,471	115,460	232,931	143,445	144,592	288,037
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,918,604	4,429,226	6,347,830	2,369,909	6,855,799	9,225,708
Bulk ..... "	141,287	6,000	147,287	-	-	-
Totals ..... "	2,059,891	4,435,226	6,495,117	2,369,909	6,855,799	9,225,708
Mail carried (unit toll) ..... "	321,271	239,333	560,604	177,934	911,874	1,089,808

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

June 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	10,390	211,227	59,647	1,272,759	283	24,347	3,038	204,750
Recreational flying .....	1,819	46,691	8,165	195,794	174	17,680	358	37,257
Aerial photography and survey(1) ...	1,708	214,863	5,716	676,188	321	73,213	584	110,151
Aerial photography .....	156	12,294	322	18,524	15	1,365	52	5,623
Aerial inspection, reconnaissance and advertising(2) .....	3,693	287,047	9,525	891,740	932	104,194	5,596	758,378
Aerial application & distribution(3) ..	2,253	438,642	2,728	559,741	115	35,951	262	65,615
Aerial control .....	1,038	241,230	1,582	410,397	454	46,116	506	53,900
Aerial construction .....	-	-	-	-	-	-	23	4,829
Air ambulance and mercy services ...	3	344	31	3,424	-	-	22	1,775
Aircraft rental .....	2,167	43,269	11,523	220,177	-	-	481	32,550
Non-transportation charter .....	271	24,242	759	66,621	531	56,888	920	121,383
Totals .....	23,498	1,519,849	99,998	4,315,365	2,825	359,754	11,842	1,396,211

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

June 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 21	...	9	...	30	...
Helicopters - Owned .....	" 228	222	37	34	265	256
Leased .....	" 35	21	8	3	43	24
Totals .....	" 263	243	45	37	308	280
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 21,596	49,371	1,779	5,116	23,375	54,487
Specialty .....	" 1,971	9,219	854	2,623	2,825	11,842
Totals .....	" 23,567	58,590	2,633	7,739	26,200	66,329
Non-revenue hours flown .....	" 504	2,778	50	308	554	3,086
Fuel and oil consumed:						
Gasoline .....	gal. 489,141	1,149,514	42,360	145,520	531,501	1,295,034
Cost .....	\$ 220,305	519,528	18,386	62,919	238,691	582,447
Oil .....	gal. 4,668	18,552	420	1,621	5,088	20,173
Cost .....	\$ 11,849	37,140	919	3,117	12,768	40,257
Average number of employees:						
Pilots .....	No. 299	242	43	26	342	268
Administrative .....	" 117	130	3	1	120	131
Maintenance labour .....	" 266	253	30	17	296	269
Other personnel .....	" 30	28	-	1	30	28
Totals .....	" 712	652	76	45	788	696
Salaries and wages:						
Pilots .....	\$ 291,666	1,646,371	44,088	122,534	335,754	1,768,905
Administrative .....	\$ 106,393	579,618	2,071	4,671	108,464	584,289
Maintenance labour .....	\$ 183,225	998,617	21,076	62,943	204,301	1,061,560
Other personnel .....	\$ 16,213	78,906	-	1,896	16,213	80,802
Totals .....	\$ 597,497	3,303,512	67,235	192,044	664,732	3,495,556

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV

June 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	2,895,348	7,021,704
Total transportation .....	2,895,348	7,021,704
Other flying services .....	269,126	1,078,336
Total flying services .....	3,164,474	8,100,040
Non-flying services .....	70,881	143,921
Total operating revenues .....	3,235,355	8,243,961
Operating expenses:		
Flying operations .....	790,999	3,116,317
Maintenance .....	709,158	2,961,202
General service and administration .....	361,493	1,244,806
Depreciation and amortization .....	185,130	815,109
Total operating expenses .....	2,046,780	8,137,434
Operating income (deficit) .....	1,188,575	106,527
Non-operating income:		
Capital gains and losses .....	78,639	50,765
Interest and discounts .....	3,586	10,207
Miscellaneous non-operating income .....	Dr. 24,358	Dr. 24,361
Income before interest expense .....	1,246,442	143,138
Interest expense .....	115,357	405,531
Income before income taxes .....	1,131,085	Dr. 262,393
Provision for income taxes .....	99,025	100,525
Net income after income taxes .....	1,032,060	Dr. 362,918

TABLE 11. Operating Statistics, Canadian Group V Carriers

June 1969

	2nd Quarter	Year to date
Reporting carriers .....	No. 285	...
Transportation:		
Hours flown .....	" 32,777	48,384
Passengers carried .....	" 68,263	95,592
Goods carried .....	lb. 6,600,064	9,747,529
Specialty flying services:		
Flying training .....	hr. 56,744	98,519
Recreational flying .....	" 9,359	14,582
Aerial photography and survey(1) .....	" 1,433	1,824
Aerial photography .....	" 70	99
Aerial inspection, reconnaissance and		
advertising(2) .....	" 3,294	5,006
Aerial application and distribution(3) .....	" 3,489	3,493
Aerial control .....	" 614	614
Aerial construction .....	" -	-
Air ambulance and mercy services .....	" -	2
Aircraft rental .....	" 9,030	14,966
Non-transportation charter .....	" 630	773
Totals .....	" 84,663	139,878
Total - All services:		
Revenue hours flown .....	No. 117,440	188,262
Non-revenue hours flown .....	" 5,483	7,477

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
- Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
- Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.

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CATALOGUE No.

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MONTHLY



# CIVIL AVIATION

JULY 1969

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

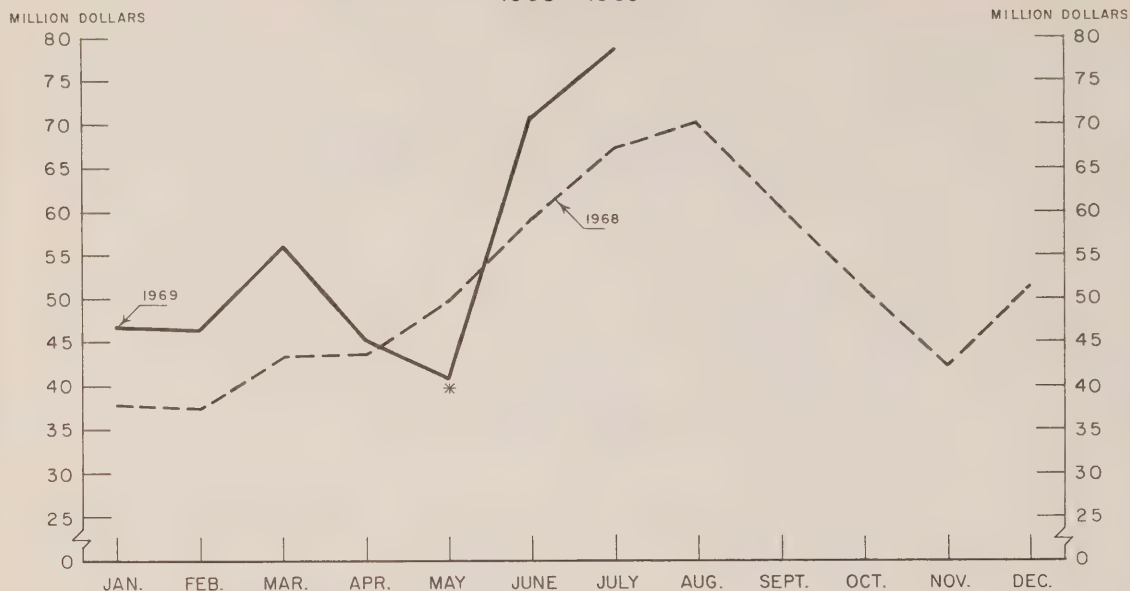
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

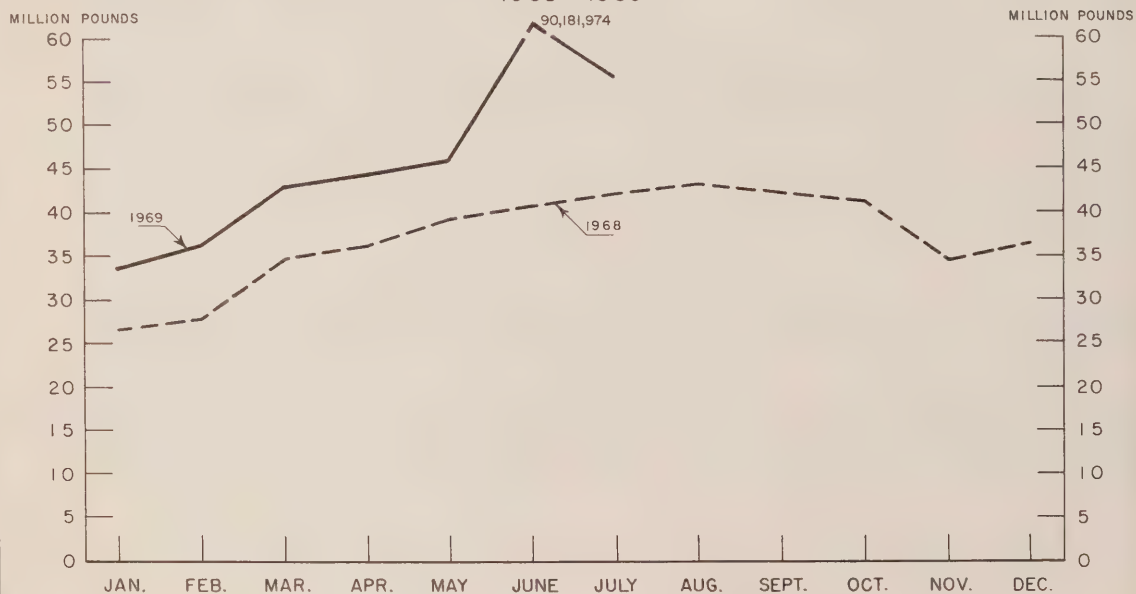
Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT+EXPRESS+EXCESS BAGGAGE+MAIL)

## REVIEW OF JULY OPERATIONS

During July the operations of Canadian airlines showed increases over the same month in 1968. Compared to figures for the month of June 1969 however there was a notable decline in the amount of goods carried. Figures for June reached a peak of over 90 million pounds but declined in July to slightly over 55 million pounds. The reason for this decrease was the slackening of demand for transport services into resource development areas. In particular, Quebecair reported for the month of June a total of over 37.5 million pounds of goods carried in charter services but in July the reports submitted by Quebecair showed no charter freight. Pacific Western Airlines also showed a decline in charter freight of more than 1.5 million pounds.

In spite of these decreases in certain sectors of the industry the overall picture was one of continued growth in traffic and improvements in financial position relative to the same month a year earlier. Increases in totals reported by all Canadian carriers for unit toll services were noted for the number of miles flown (1.5 million more than in July 1968), the number of passengers carried (111 thousand more), the weight of goods carried (5 million pounds more) the number of passenger-miles flown (103 million more) and the number of goods ton-miles flown (5.6 million more). These gains were not accompanied however by a proportionate increase in the number of miles flown. In fact, carriers in Groups I and II reported a slight decrease in the number of hours flown (40,045 to 39,962) even though the number of miles flown by these carriers increased by 1.2 million (10 per cent). A situation of this sort where the amount of flying done, as measured in hours, decreased but the capacity offered and traffic carried as measured in miles flown and passengers and goods carried, increased reflects the move by carriers to larger, faster aircraft. New turbine and jet powered equipment enables the carriers to do more work, as measured in passenger-miles or goods ton-miles per flying hours. Consumption figures for turbo fuel also point to increased use of turbine powered aircraft. In July 1969 the carriers reported using 43.3 million gallons of turbo fuel while in July 1968 they used only 35.9 million gallons.

Passenger charter activities showed a sharp increase as long distance vacation tours and flights for affinity groups increased in popularity. Charter passenger-miles increased by over 100 million but charter goods ton-miles declined slightly compared to July 1968 totals.

The financial position of the six major carriers was slightly improved over the July 1968 monthly income. Although revenues for the six carriers increased by more than \$8 million for the month, expenses also increased by almost the same amount. An increase in operating income of \$700 thousand was to a large degree offset by an increase of a similar amount in interest expense. As a result, the net income position for the six major carriers remained almost unchanged from the figure shown for July 1968. Totals for carriers in Groups III & IV indicate a slightly better financial picture compared to the same month a year earlier. Group III carriers reported an increase in net income from \$2.2 million to \$3.3 million while Group IV showed an advance from \$1.4 million to \$1.5 million.

The year-to-date totals for carriers in Groups I and II showed a decreased net income figure (in fact, an increased deficit) largely because of the losses suffered by Air Canada during a month long strike by its employees. However, totals for all carriers in Groups I-IV for the first seven months of the year show an improvement in net income of almost \$750,000. This gain resulted from an increase in operating revenues during the period from \$338 million to \$384 million while operating expenses rose from \$329 million to \$366 million. An increase of \$6.1 million in interest expense and \$2.7 million in provisions for income taxes combined to hamper the growth of net income.

Foreign carriers operating scheduled services to and from Canada reported increased traffic in both passengers and goods. Compared to July 1968 there was an increase of about 20 per cent in the number of passengers and pounds of goods carried in international services. Of the total volume of traffic carried to and from Canada by Canadian carriers as well as foreign carriers, about 52 per cent of the total was accounted for by non-Canadian airlines.

Specialty flying services for the month of July showed an increase in the number of hours flown by fixed-wing aircraft but a decrease in the number of hours flown by helicopters. Revenues from specialty flying showed a corresponding pattern. Fixed-wing aircraft activities showed a decrease in flying training of almost 2,000 hours but increases in other types of specialty flying. Aerial inspection, reconnaissance and advertising increased by almost 1200 hours, aerial application and distribution increased by over 800 hours and aerial control increased by over 350 hours. Helicopter specialty flying showed a decrease of almost 1000 hours in spite of an increase of over 400 hours in non-transportation charter. A decrease of almost 800 hours in aerial inspection, reconnaissance and advertising accounted for much of the decline.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

July 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	36	76	112	118	11	11	140	...	
Revenue transportation services:										
Unit toll:										
Departures(9) .....	No.									
Hours flown .....	39,962	6,097	2,566	8,663	48,625	798	2,558	51,981	292,256	
Miles scheduled .....	"	...	...	...	13,309,260	282,667	980,925	14,572,852	79,556,265	
Miles flown:(4)										
Scheduled .....	13,330,200	...	...	...	13,309,200	271,552	998,689	14,600,441	81,322,372	
Non-scheduled .....	230,502	999,089	327,553	1,326,642	1,557,144	-	-	1,557,144	8,200,532	
Totals .....	13,560,702	999,089	327,553	1,326,642	14,887,344	271,552	998,689	16,157,585	89,522,904	
Passengers carried .....	889,509	31,574	8,912	40,486	929,995	207,913	80,625	1,218,533	6,639,715	
Goods carried:										
Cargo .....	20,485,120	1,991,418	553,273	2,544,691	23,029,811	3,194,997	4,479,339	30,926,124	206,478,260	
Excess baggage(5) .....	148,703	64,072	9,202	73,274	221,977	823,758	248,216	6,627,232	43,836,678	
Mail .....	5,143,308	355,755	56,195	411,950	5,555,258	4,018,755	4,727,555	37,553,356	250,314,938	
Totals .....	25,777,131	2,411,246	618,670	3,029,915	28,807,046	11,445,502	69,371,357	1,011,345,154	4,829,339,756	
Passenger-miles .....	No.									
Goods ton-miles:										
Cargo .....	16,902,685	827,093	46,891	873,984	17,776,669	102,761	1,667,162	19,650,844	131,991,089	
Excess baggage(5) .....	89,350	13,987	915	14,902	104,252	21,866	107,279	2,944,311	19,638,166	
Mail .....	2,719,114	90,681	5,371	96,052	2,815,166	124,627	1,774,441	22,595,155	151,629,255	
Totals .....	19,711,149	931,761	53,177	984,938	20,696,087					
Bulk:										
Departures .....	3,282	29,129	26,533	55,662	58,944	..	..	..	..	
Hours flown .....	5,526	40,842	28,107	68,949	74,475	6	217	74,698	271,656	
Miles flown .....	1,515,394	3,140,212	2,717,428	5,857,640	7,373,034	2,570	68,288	7,443,892	29,523,800	
Passengers carried .....	43,168	74,892	52,825	127,717	170,885	1,354	10,877	183,116	668,191	
Freight carried .....	7,094,714	13,360,362	6,007,995	19,368,357	26,463,071	-	5,592	26,468,663	167,587,109	
Passenger-miles(6) .....	No.	80,172,542	1,372,701	81,545,243	223,146,795	..	..	..	..	
Goods ton-miles(6) .....	"	1,744,053	19,487	869,449	2,613,502	..	..	..	..	
Revenue non-transportation services:										
Specialty flying - Hours flown "	527	6,718	23,485	30,203	30,730	-	-	30,730	142,102	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

July 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Groups I and II(1)	Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures(9)	No.									
Hours flown	46,015	53,657	54,158	107,815	153,830	804	2,775	157,409	706,014	
Miles flown	15,076,096	4,139,301	3,044,981	7,184,282	22,260,378	274,122	1,066,977	23,601,477	119,066,704	
Passengers carried	932,677	106,466	61,737	168,203	1,100,880	209,267	91,502	1,401,649	7,307,906	
Cargo carried	27,579,834	15,351,780	6,561,268	21,913,048	49,714,859(8)	3,194,997	4,484,931	57,394,787	374,065,369	
Goods carried(5)	32,871,845	15,771,607	6,626,665	22,398,272	55,270,117	4,018,755	4,733,147	64,022,019	417,902,047	
Passenger-miles(6)	No.									
Goods ton-miles(6)	1,063,024,166	87,218,542	3,432,382	90,650,924	1,153,675,090					
Non-revenue:(10)										
Hours flown	790	1,624	1,178	2,802	3,592	8	-	3,600	24,616	
Passengers carried										
Goods carried										
Passenger-miles	No.									
Goods ton-miles	No.									
Fuel and oil consumed:										
Turbo fuel - Quantity	gal.	2,093,739	137,348	2,231,087	43,294,907	1,576,958	7,352,998	52,224,863	273,420,170	
Cost	\$	6,393,365	46,885	487,855	6,881,220	141,681	1,139,484	8,162,385	43,378,918	
Gasoline - Quantity	gal.	850,624	815,088	2,386,474	3,237,098	-	-	3,237,098	15,571,414	
Cost	\$	323,229	389,045	1,123,032	1,446,261	-	-	1,446,261	6,537,266	
Turbo oil - Quantity	gal.	9,591	58	359	9,950	281	89	10,320	45,004	
Cost	\$	59,384	2,444	2,444	61,828	1,838	810	64,476	357,230	
Other oil - Quantity	gal.	16,755	12,406	33,805	50,560	-	-	50,560	231,412	
Cost	\$	17,602	21,740	59,721	77,323	-	-	77,323	357,009	
Average number of employees:										
Pilots and co-pilots	No.	780	677	1,457	3,347					
Other flight personnel		171	55	226	2,963					
General management		209	165	374	863					
Maintenance labour		831	466	1,297	6,277					
Aircraft & traffic servicing		4,980	149	9,298	9,298					
Other personnel		6,653	299	697	7,350					
Totals		25,593	1,811	4,505	30,098	687	834	31,619	60,537	
Salaries and wages paid:										
Pilots and co-pilots	\$	783,852	554,045	1,337,897	4,417,511					
Other flight personnel	\$	84,353	25,618	109,971	1,748,903					
General management	\$	213,685	123,081	336,766	906,635					
Maintenance labour	\$	492,415	258,807	751,222	4,570,113					
Aircraft & traffic servicing	\$	156,151	69,098	225,249	5,887,181					
Other personnel	\$	193,659	144,893	338,552	5,061,433					
Totals	\$	1,924,115	1,175,542	3,099,657	22,591,776	468,073	573,221	23,633,070	132,783,811	

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

July 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)	Total	Group III (1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers .....	47,503,965	3,351,769	50,855,734	896,551	171,402	1,067,953	51,923,687	262,315,836
Express .....	735,606	61,555	797,161	10,001	1,385	11,386	808,547	5,021,561
Freight .....	3,271,143	422,611	3,693,754	400,892	70,627	471,519	4,165,273	26,307,638
Excess baggage .....	189,480	38,021	227,501	18,959	2,492	21,451	248,952	1,413,911
Mail .....	1,821,792	172,073	1,993,865	137,403	14,396	151,799	2,145,664	14,650,190
Total unit toll transportation ..	53,521,986	4,046,029	57,568,015	1,463,806	260,302	1,724,108	59,292,123	309,709,136
Bulk transportation:								
Total transportation .....	2,865,105	2,175,145	5,040,250	8,004,587	2,871,194	10,875,781	15,916,031	58,617,882
Other flying services .....	56,387,091	6,221,174	62,608,265	9,468,393	3,131,496	12,599,889	75,208,154	368,327,018
Total flying services .....	9,267	170,447	179,714	821,244	1,189,939	2,011,183	2,190,897	8,135,704
Non-flying services .....	56,396,358	6,391,621	62,787,979	10,289,637	4,321,435	14,611,072	77,399,051	376,462,722
Non-flying services .....	817,776	157,347	975,123	228,000	127,617	355,617	1,330,740	8,290,203
Total operating revenues .....	57,214,134	6,548,968	63,763,102	10,517,637	4,449,052	14,966,689	78,729,791	384,752,925
Operating expenses:								
Flying operations .....	12,528,547	2,187,431	14,715,978	3,181,347	1,373,496	4,554,843	19,270,821	104,151,365
Maintenance .....	7,441,111	1,178,269	8,619,380	1,579,221	755,144	2,334,365	10,953,745	67,898,597
General services and administration:								
Passenger service .....	5,760,726	285,378	6,046,104	..	..	..	..	..
Aircraft and traffic servicing .....	7,079,518	1,126,105	8,205,623	..	..	..	..	..
Promotion and sales .....	8,616,296	250,152	8,866,448	..	..	..	..	..
General administration .....	2,240,743	337,277	2,578,020	..	..	..	..	..
Totals .....	23,697,283	1,998,912	25,696,195	1,443,579	518,553	1,962,132	27,658,327	159,773,089
Depreciation and amortization .....	4,090,381	354,214	4,444,595	569,814	245,677	815,491	5,260,086	33,933,289
Total operating expenses .....	47,757,322	5,718,826	53,476,148	6,773,961	2,892,870	9,666,831	63,142,979	365,756,340
Operating income (loss) .....	9,456,812	830,142	10,286,954	3,743,676	1,556,182	5,299,858	15,586,812	18,996,585
Non-operating income - Net:								
Capital gains and losses .....	195,166	394,730	589,896	70,502	165	70,337	660,233	1,355,859
Interest and discounts .....	709,348	31,803	741,151	22,194	9,525	31,719	772,870	4,545,117
Miscellaneous non-operating income ..	95,092	5,843	89,249	19,334	20,326	992	88,257	92,517
Income before interest expense .....	10,266,234	1,262,518	11,528,752	3,817,038	1,585,868	5,402,906	16,931,658	24,805,044
Interest expense .....	2,604,112	243,265	2,847,377	351,196	96,424	447,620	3,294,997	20,696,664
Income before income taxes .....	7,662,122	1,019,253	8,681,375	3,465,842	1,489,444	4,955,286	13,636,661	4,108,380
Provision for income taxes .....	469,000	243,000	712,000	205,013	38,209	243,222	955,222	3,284,655
Net income after income taxes .....	7,193,122	776,253	7,969,375	3,260,829	1,451,235	4,712,064	12,681,439	823,725

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

July 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	37,442,056	10,061,909	627,922	1,584,188	682,815	456,844	50,855,734	256,957,615
Express .....	671,850	63,756	3,560	47,015	-	10,980	797,161	4,957,752
Freight .....	2,589,280	681,863	104,463	140,439	137,494	40,215	3,693,754	24,434,560
Excess baggage .....	135,284	54,196	7,916	11,182	11,148	1,775	227,501	1,328,452
Mail .....	1,317,979	303,813	36,649	88,619	26,004	20,801	1,993,865	13,672,454
Total unit toll transportation ..	42,156,449	11,365,537	780,510	1,877,443	857,461	530,615	57,568,015	301,350,833
Bulk transportation .....	1,564,841	1,300,264	233,097	1,516,626	5,893	419,529	5,040,250	19,708,020
Total transportation .....	43,721,290	12,665,801	1,013,607	3,394,069	863,354	950,144	62,608,265	321,058,853
Other flying services .....	9,267	170,447	170,447	-	-	-	179,714	486,446
Total flying services .....	43,730,557	12,665,801	1,184,054	3,394,069	863,354	950,144	62,787,979	321,545,299
Non-flying services .....	615,810	201,966	126,125	42,868	8,354	8,354	975,123	6,089,483
Total operating revenues .....	44,346,367	12,867,767	1,290,179	3,394,069	906,222	958,498	63,763,102	327,634,782
Operating expenses:								
Flying operations .....	8,757,086	3,771,461	460,649	1,069,988	247,774	409,020	14,715,978	82,246,461
Maintenance .....	6,208,040	1,233,071	296,648	482,324	176,026	223,271	8,619,380	53,406,880
General services and administration:								
Passenger service .....	4,227,310	1,533,416	65,548	121,491	39,872	58,467	6,046,104	32,096,008
Aircraft and traffic servicing .....	5,727,760	1,351,758	163,448	631,685	168,851	162,121	8,205,623	49,377,311
Promotion and sales .....	6,014,226	2,602,070	25,251	148,995	22,513	53,393	8,866,448	52,008,675
General administration .....	1,596,236	644,507	44,108	176,555	53,501	63,113	2,578,020	15,958,465
Totals .....	17,565,532	6,131,751	298,355	1,078,726	284,737	337,094	25,696,195	149,440,459
Depreciation and amortization .....	3,734,301	356,080	55,681	180,939	68,379	49,215	4,444,595	28,878,908
Total operating expenses .....	36,264,959	11,492,363	1,111,333	2,811,977	776,916	1,018,600	53,476,148	313,972,708
Operating income (loss) .....	8,081,408	1,375,404	178,846	582,092	129,306	60,102	10,286,954	13,662,074
Non-operating income - Net:								
Capital gains and losses .....	195,166	-	-	244,730	150,000	-	589,896	582,174
Interest and discounts .....	654,187	55,161	73	31,730	-	-	741,151	4,451,589
Miscellaneous non-operating income ..	2,191	92,901	-	1,091	7,247	313	89,249	333,679
Income before interest expense .....	8,928,570	1,337,664	178,919	857,461	286,553	60,415	11,528,752	18,362,158
Interest expense .....	2,205,249	398,863	38,622	120,782	71,932	11,929	2,847,377	18,462,186
Income before income taxes .....	6,723,321	938,801	140,297	736,679	214,621	72,344	8,681,375	100,028
Provision for income taxes .....	-	469,000	-	243,000	-	-	712,000	2,860,000
Net income after income taxes .....	6,723,321	469,801	140,297	493,679	214,621	72,344	7,969,375	2,960,028

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

July 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) ..... No.									
Hours flown .....	27,904	5,887	33,791	1,383	2,093	1,256	1,439	6,171	39,962
Miles scheduled .....	9,582,337	2,696,204	12,278,541	93,944	491,338	230,761	214,676	1,030,719	13,309,260
Miles flown:(1)									
Scheduled - Regular .....	9,490,414	2,562,918	12,053,332	89,317	489,417	228,396	208,417	1,015,547	13,068,879
Extra sections.....	175,488	21,028	196,516	3,257	54,093	-	7,455	64,805	261,321
Non-scheduled .....	-	-	-	193,534	-	-	36,968	230,502	230,502
Totals .....	9,665,902	2,583,946	12,249,848	286,108	543,510	228,396	232,840	1,310,854	13,560,702
Ratio of regular miles flown to miles scheduled .....	99.0	95.1	98.2	95.1	99.6	99.0	97.1	98.5	98.2
Passengers carried ..... No.	666,343	109,307	775,650	18,576	63,045	17,300	14,938	113,859	889,509
Goods carried:									
Freight .....	13,568,476	2,172,614	15,741,090	868,017	1,016,433	450,549	340,901	2,675,900	18,416,990
Express .....	1,714,766	172,485	1,887,251	8,160	131,735	-	40,984	180,879	2,068,130
Excess baggage(2) .....	..	33,357	33,357	22,016	53,920	39,410	-	115,346	148,703
Mail .....	4,227,774	314,801	4,542,575	166,656	301,152	66,470	66,455	600,733	5,143,308
Totals .....	19,511,016	2,693,257	22,204,273	1,064,849	1,503,240	556,429	448,340	3,572,858	25,777,131
Passenger-miles:(1)									
Scheduled .....	686,859,576	198,046,688	884,906,264	2,813,043	17,955,101	6,146,098	4,878,293	31,792,535	916,698,799
Non-scheduled .....	-	-	-	4,384,062	-	-	339,753	4,723,815	4,723,815
Totals .....	686,859,576	198,046,688	884,906,264	7,197,105	17,955,101	6,146,098	5,218,046	36,516,350	921,422,614
Available seat-miles on scheduled services(1) .....	1,084,109,390	344,907,614	1,429,017,004	6,733,746	34,515,884	11,304,134	9,763,336	62,317,100	1,491,334,104
Passenger load factor on scheduled services(1) .....	63.4	57.4	61.9	41.8	52.0	54.4	50.0	51.0	61.5
Goods ton-miles:(1)									
Freight - Scheduled .....	12,219,074	3,174,777	15,393,851	16,899	330,671	90,584	52,562	490,716	15,884,567
Non-scheduled .....	-	-	-	221,113	-	-	17,119	238,232	238,232
Totals .....	12,219,074	3,174,777	15,393,851	238,012	330,671	90,584	69,681	728,948	16,122,799
Express - Scheduled(1) .....	655,447	79,965	735,412	481	35,908	-	6,424	42,813	778,225
Non-scheduled .....	-	-	-	941	-	-	720	1,661	1,661
Totals .....	655,447	79,965	735,412	1,422	35,908	-	7,144	44,474	779,886

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

July 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	61,705	61,705	1,734	11,916	9,083	-	22,733	84,438
Non-scheduled ..	-	-	-	4,912	-	-	-	4,912	4,912
Totals .....	..	61,705	61,705	6,646	11,916	9,083	-	27,645	89,350
Mail - Scheduled(1) .....	2,117,841	469,544	2,587,385	19,255	75,681	11,480	6,840	113,256	2,700,641
Non-scheduled ..	-	-	-	13,469	-	-	5,004	18,473	18,473
Totals .....	2,117,841	469,544	2,587,385	32,724	75,681	11,480	11,844	131,729	2,719,114
Total - Scheduled(1, 2) .....	14,992,362	3,785,991	18,778,353	38,369	454,176	111,147	65,826	669,518	19,447,871
Freight carried .....	-	-	-	240,435	-	-	22,843	263,278	263,278
Non-scheduled ..	-	-	-	278,804	454,176	111,147	88,669	932,796	19,711,149
Totals .....	14,992,362	3,785,991	18,778,353	519,243	454,176	111,147	88,669	932,796	19,711,149
Available ton-miles on scheduled services(1) .....	165,261,504	46,830,981	212,092,485	718,722	4,897,458	1,345,024	1,478,239	8,439,443	220,531,928
Weight load factor on scheduled services(1, 3) .....	50.6	50.4	50.6	44.5	45.9	54.0	37.5	45.6	50.4
Bulk:									
Departures .....	232	102	334	1,903	513	6	526	2,948	3,282
Hours flown .....	971	506	1,477	1,724	1,241	7	1,077	4,049	5,526
Miles flown .....	457,484	241,687	699,171	161,485	444,637	944	209,157	816,223	1,515,394
Passengers carried .....	14,410	12,358	26,768	3,118	10,739	36	2,507	16,400	43,168
Freight carried .....	202,448	22,000	224,448	517,246	3,505,201	-	2,847,819	6,870,266	7,094,714
Passenger-miles(4) .....	54,666,388	47,906,440	102,572,828	318,333	35,147,526	32,962	3,529,903	39,028,724	141,601,552
Goods ton-miles(4) .....	84,190	2,288	86,478	19,258	1,116,581	-	521,736	1,657,575	1,744,053
Revenue non-transportation services:									
Specialty flying - Hours flown .....	30	-	30	497	-	-	-	497	527
Total - All services:									
Traffic, hours and miles(5)									
Revenue:									
Departures(6) .....	28,905	6,393	35,298	3,604	3,334	1,263	2,516	10,717	46,015
Hours flown .....	10,123,386	2,825,633	12,949,019	447,593	988,147	229,340	461,997	2,127,077	15,076,096
Miles flown .....	680,753	121,665	802,418	21,694	73,784	17,336	17,445	130,259	932,677
Passengers carried .....	15,485,690	2,367,099	17,852,789	1,393,423	4,653,369	450,549	3,229,704	9,727,045	27,579,834
Goods carried(2) .....	19,713,464	2,715,257	22,428,721	1,582,095	5,008,441	556,429	3,296,159	10,443,124	32,871,845
Passenger-miles(6) .....	741,525,970	245,953,128	987,479,098	7,515,438	53,102,627	6,179,060	8,747,949	75,545,074	1,063,024,172
Goods ton-miles(2, 4) .....	15,076,552	3,788,279	18,864,831	298,062	1,570,757	111,147	610,405	2,590,371	21,455,202

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

July 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles -									
Concluded:(5)									
Non-revenue:(7)									
Hours flown ..... No.	288	129	417	83	117	24	149	373	790
Passengers carried ..... "									
Goods carried ..... lb.									
Passenger-miles ..... No.									
Goods ton-miles ..... "									
Fuel and oil consumed:									
Turbo fuel - Quantity ..... gal.	29,304,291	9,017,320	38,321,611	399,409	1,539,769	539,117	263,914	2,742,209	41,063,820
Cost ..... \$	4,364,979	1,447,441	5,812,420	84,900	319,471	113,215	63,359	580,945	6,393,365
Gasoline - Quantity ..... gal.	-	600	600	180,707	411,085	3,693	234,539	850,024	850,624
Cost ..... \$	-	142	142	62,117	154,877	1,119	104,974	323,087	323,229
Turbo oil - Quantity ..... gal.	2,267	910	3,177	64	534	5,809	7	6,414	9,591
Cost ..... \$	22,145	8,938	31,083	960	6,942	20,332	67	28,301	59,384
Other oil - Quantity ..... gal.	-	1	1	2,777	4,549	6,614	2,814	16,754	16,755
Cost ..... \$	-	1	1	3,471	5,686	5,291	3,153	17,601	17,602
Average number of employees:									
Pilots and co-pilots ..... No.	1,145	365	1,510	77	174	57	72	380	1,890
Other flight personnel ....	1,971	507	2,478	31	159	24	45	259	2,737
General management ..... "	103	129	232	20	153	64	20	257	489
Maintenance labour ..... "	3,468	757	4,225	233	283	117	122	755	4,980
Aircraft and traffic servicing .....	6,331	1,866	8,197	147	254	134	112	647	8,844
Other personnel .....	5,111	1,274	6,385	56	125	15	72	268	6,653
Total employees .....	18,129	4,898	23,027	564	1,148	411	443	2,566	25,593
Salaries and wages:									
Pilots and co-pilots ..... \$	2,029,917	604,112	2,634,029	77,526	214,024	74,917	79,118	445,585	3,079,614
Other flight personnel ....	1,204,955	333,428	1,538,383	10,294	51,758	13,558	24,939	100,549	1,638,932
General management ..... \$	251,974	142,461	394,435	23,471	88,699	40,693	22,571	175,434	569,869
Maintenance labour ..... \$	2,822,610	483,731	3,306,341	129,913	230,536	74,191	77,910	512,550	3,818,891
Aircraft and traffic servicing .....	4,251,742	1,027,192	5,278,934	73,101	166,129	93,183	50,585	382,998	5,661,932
Other personnel .....	3,908,480	692,677	4,601,157	23,139	53,443	12,872	32,270	121,724	4,722,881
Total salaries and wages .....	14,469,678	3,283,601	17,753,279	337,444	804,589	309,414	287,393	1,738,840	19,492,119

- (1) Routes included in scheduled or non-scheduled services according to predominant class of service.  
 (2) Excludes Air Canada excess baggage.  
 (3) Standard passenger weight used: 200 pounds.  
 (4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.  
 (5) These data exclude non-transportation services, except for hours flown.  
 (6) Departures available for bulk transport flights only.  
 (7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

July 1969

- 15 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	544,252	85,195	14,125	63,045	17,300	14,498	738,415
Domestic interline .....	)	11,166	3,617	-	-	-	)
Foreign interline .....	22,091	12,919	-	-	-	-	49,793
Totals(2) .....	566,343	109,280	17,742	63,045	17,300	14,498	788,208
<b>Express carried:</b>							
Originated .....	1,714,766	172,485	8,160	131,735	-	40,984	2,068,130
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,714,766	172,485	8,160	131,735	-	40,984	2,068,130
<b>Freight carried:</b>							
Originated .....	13,568,476	1,666,454	868,017	1,016,433	450,549	251,752	17,821,681
Domestic interline .....	-	23,264	-	-	-	-	23,264
Foreign interline .....	-	75,568	-	-	-	-	75,568
Totals(2) .....	13,568,476	1,765,286	868,017	1,016,433	450,549	251,752	17,920,513
<b>Excess baggage carried:</b>							
Originated .....	-	33,342	22,016	53,920	39,410	-	148,688
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	33,342	22,016	53,920	39,410	-	148,688
<b>Mail carried:</b>							
Originated .....	4,227,774	297,722	166,656	301,152	66,470	34,992	5,094,766
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,227,774	297,722	166,656	301,152	66,470	34,992	5,094,766

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

July 1969

	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
<b>Unit toll:</b>							
Departures .....	2,854	1,275	792	143	5,064	15,489	20,553
Hours flown .....	4,421	6,322	2,111	786	13,640	20,151	33,791
Miles flown: .....	1,349,416	3,141,421	921,520	372,906	5,785,263	6,493,278	12,278,541
Scheduled - Regular .....	1,328,944	3,039,095	906,564	366,904	5,641,507	6,411,825	12,053,332
Non-scheduled .....	19,684	18,707	2,089	16,834	57,314	139,202	196,516
Totals .....	1,348,628	3,057,802	908,653	383,738	5,698,821	6,551,027	12,249,848
Ratio of regular miles flown to miles scheduled .....	98.5	96.7	98.4	98.4	97.5	98.7	98.2
Passengers carried .....	..	..	..	..	255,192	520,458	775,650
Cargo carried .....	..	..	..	..	7,364,705	10,263,636	17,628,341
Mail carried .....	..	..	..	..	612,882	3,929,693	4,542,575
Passenger-miles .....	82,612,071	259,446,092	57,170,003	35,521,982	434,750,148	450,156,116	884,906,264
Available seat-miles on scheduled services .....	145,710,236	444,829,549	107,230,174	60,735,291	758,505,250	670,511,754	1,429,017,004
Passenger load factor on scheduled services .....	56.7	58.3	53.3	58.5	57.3	67.1	61.9
<b>Goods ton-miles:</b>							
Express .....	43,771	..	..	..	43,771	691,641	735,412
Freight .....	812,040	6,447,606	1,174,944	1,016,000	9,450,590	5,943,261	15,393,851
Excess baggage .....	41	15,431	21,235	22,220	58,927	2,778	61,705
Mail .....	59,012	318,019	149,097	280,959	807,087	1,780,298	2,587,385
Totals .....	914,864	6,781,056	1,345,276	1,319,179	10,360,375	8,417,978	18,778,353
Available ton-miles on scheduled service ....	20,007,936	67,550,772	14,619,674	9,112,371	11,290,753	100,801,732	212,092,485
Weight load factor on scheduled services(1) .....	45.9	48.4	48.3	53.5	48.4	53.0	50.6
<b>Bulk:</b>							
Departures .....	549	462	59	..	1,070	..	..
Hours flown .....	808	2,609	143	..	3,560	..	..
Miles flown .....	161,823	1,305,883	58,938	..	1,526,644	..	..
Passengers carried .....	3,083	51,349	2,002	..	56,434	..	..
Goods carried .....	118,376	22,000	44,128	..	184,504	..	..
Passenger-miles(2) .....	1,956,048	209,514,504	3,243,161	..	214,713,713	..	..
Goods ton-miles(2) .....	47,835	2,288	41,127	..	91,250	..	..
<b>Total:</b>							
Departures .....	3,503	1,737	851	143	6,134	..	..
Hours flown .....	5,229	8,931	2,254	786	17,200	..	..
Miles flown .....	1,510,451	4,363,685	967,591	383,738	7,225,465	..	..
Passengers carried .....	..	..	..	..	311,626	..	..
Goods carried .....	..	..	..	..	8,162,091	..	..
Passenger-miles(2) .....	84,568,119	468,960,596	60,413,164	35,521,982	649,463,861	..	..
Goods ton-miles(2) .....	962,699	6,783,344	1,386,403	1,319,179	10,451,625	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

July 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	184,959	185,509	370,468	79,479	63,291	142,770
Bulk ..... "	814	1,194	2,008	18,874	18,064	36,938
Totals ..... "	185,773	186,703	372,476	98,353	81,355	179,708
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,650,047	4,371,071	6,021,118	1,560,451	6,166,447	7,726,898
Bulk ..... "	-	20,400	20,400	5,592	22,000	27,592
Totals ..... "	1,650,047	4,391,471	6,041,518	1,566,043	6,188,447	7,754,490
Mail carried (unit toll) ..... "	242,615	825,889	1,068,504	165,438	244,147	409,585
All other areas				Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	12,654	15,334	27,988	277,092	264,134	541,226
Bulk ..... "	-	-	-	19,688	19,258	38,946
Totals ..... "	12,654	15,334	27,988	296,780	283,392	580,172
Freight, express and excess baggage carried:						
Unit toll ..... lb.	642,498	505,974	1,148,472	3,852,996	11,043,492	14,896,488
Bulk ..... "	44,128	-	44,128	49,720	42,400	92,120
Totals ..... "	686,626	505,974	1,192,600	3,902,716	11,085,892	14,988,608
Mail carried (unit toll) ..... "	109,917	96,438	206,355	517,970	1,166,474	1,684,444
Total by Canadian carriers				Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	126,871	125,817	252,688	150,221	138,317	288,538
Bulk ..... "	14,011	12,259	26,270	5,677	6,999	12,676
Totals ..... "	140,882	138,076	278,958	155,898	145,316	301,214
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,291,555	4,930,597	7,222,152	1,561,441	6,112,895	7,674,336
Bulk ..... "	44,128	42,400	86,528	5,592	-	5,592
Totals ..... "	2,335,683	4,972,997	7,308,680	1,567,033	6,112,895	7,679,928
Mail carried (unit toll) ..... "	346,073	266,397	612,470	171,897	900,077	1,071,974

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

July 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	12,411	263,304	71,856	1,536,063	83	7,782	3,121	212,532
Recreational flying .....	2,293	55,110	10,458	250,904	257	21,469	615	58,726
Aerial photography and survey(1) ...	2,156	230,293	7,872	906,481	156	22,612	740	132,763
Aerial photography .....	107	6,356	429	24,880	-	-	52	5,623
Aerial inspection, reconnaissance and advertising(2) .....	4,938	370,708	14,463	1,262,448	1,712	199,267	7,308	957,645
Aerial application & distribution(3) ..	1,314	127,847	4,042	687,588	141	46,999	403	112,614
Aerial control .....	1,438	513,135	3,020	923,532	271	29,193	777	83,093
Aerial construction .....	-	-	-	-	-	-	23	4,829
Air ambulance and mercy services ...	8	806	39	4,230	-	-	22	1,775
Aircraft rental .....	2,355	46,494	13,878	266,671	-	-	481	32,550
Non-transportation charter .....	408	24,997	1,167	91,618	682	73,466	1,602	194,849
Totals .....	27,428	1,639,050	127,224	5,954,415	3,302	400,788	15,144	1,796,999

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

July 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 22	...	9	...	31	...
Helicopters - Owned .....	" 237	224	36	34	273	258
Leased .....	" 48	25	9	3	57	28
Totals .....	" 285	249	45	38	330	286
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 22,836	72,207	2,119	7,235	24,955	79,442
Specialty .....	" 1,709	10,928	1,593	4,216	3,302	15,144
Totals .....	" 24,545	83,135	3,712	11,451	28,257	94,586
Non-revenue hours flown .....	" 373	3,151	82	390	455	3,541
Fuel and oil consumed:						
Gasoline .....	gal. 486,464	1,635,978	50,234	195,754	536,698	1,831,732
Cost .....	\$ 250,712	770,240	26,435	89,354	277,147	859,594
Oil .....	gal. 8,256	26,808	703	2,324	8,959	29,132
Cost .....	\$ 17,432	54,572	1,349	4,466	18,781	59,038
Average number of employees:						
Pilots .....	No. 307	251	33	27	340	278
Administrative .....	" 121	129	1	1	122	130
Maintenance labour .....	" 262	254	27	18	289	272
Other personnel .....	" 33	28	-	1	33	29
Totals .....	" 723	662	61	47	784	709
Salaries and wages:						
Pilots .....	\$ 339,978	1,986,349	36,482	159,016	376,460	2,145,365
Administrative .....	\$ 101,115	680,733	400	5,071	101,515	685,804
Maintenance labour .....	\$ 183,228	1,181,845	15,443	78,386	198,671	1,260,231
Other personnel .....	\$ 18,219	97,125	-	1,896	18,219	99,021
Totals .....	\$ 642,540	3,946,052	52,325	244,369	694,865	4,190,421

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
July 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	3,060,937	10,082,641
Total transportation .....	3,060,937	10,082,641
Other flying services .....	241,139	1,319,475
Total flying services .....	3,302,076	11,402,116
Non-flying services .....	103,869	247,790
Total operating revenues .....	3,405,945	11,649,906
Operating expenses:		
Flying operations .....	925,527	4,041,844
Maintenance .....	676,484	3,637,686
General service and administration .....	327,320	1,572,126
Depreciation and amortization .....	207,727	1,022,836
Total operating expenses .....	2,137,058	10,274,492
Operating income (deficit) .....	1,268,887	1,375,414
Non-operating income:		
Capital gains and losses .....	82,746	133,511
Interest and discounts .....	1,660	11,867
Miscellaneous non-operating income .....	Dr. 6,880	Dr. 31,241
Income before interest expense .....	1,346,413	1,489,551
Interest expense .....	126,357	531,888
Income before income taxes .....	1,220,056	957,663
Provision for income taxes .....	260,988	361,513
Net income after income taxes .....	959,068	596,150

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)

Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.

Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.

Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.

Ton: Short ton of 2,000 lbs.

Trans-Atlantic and Polar services: Services between Canada and Europe.

Transborder services: Services between Canada and the United States except Hawaii but including Alaska.

Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:

Class 1 or Class 8; Scheduled service licences:

Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.

Class 2 or Class 9-2, Regular specific point licences:

Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.

Class 3 or Class 9-3, Irregular specific point licences:

Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.

Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.

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CIVIL AVIATION

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

Page

Introduction .....	5
--------------------	---

### Charts:

Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6

Review and Analysis .....	7
---------------------------	---

### Tables:

1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

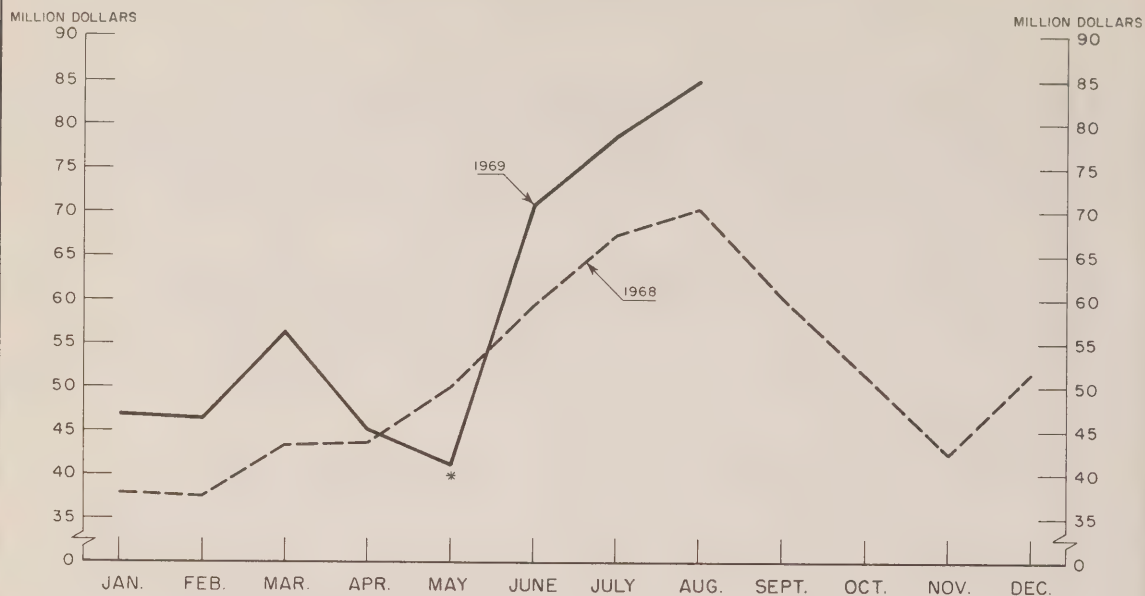
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

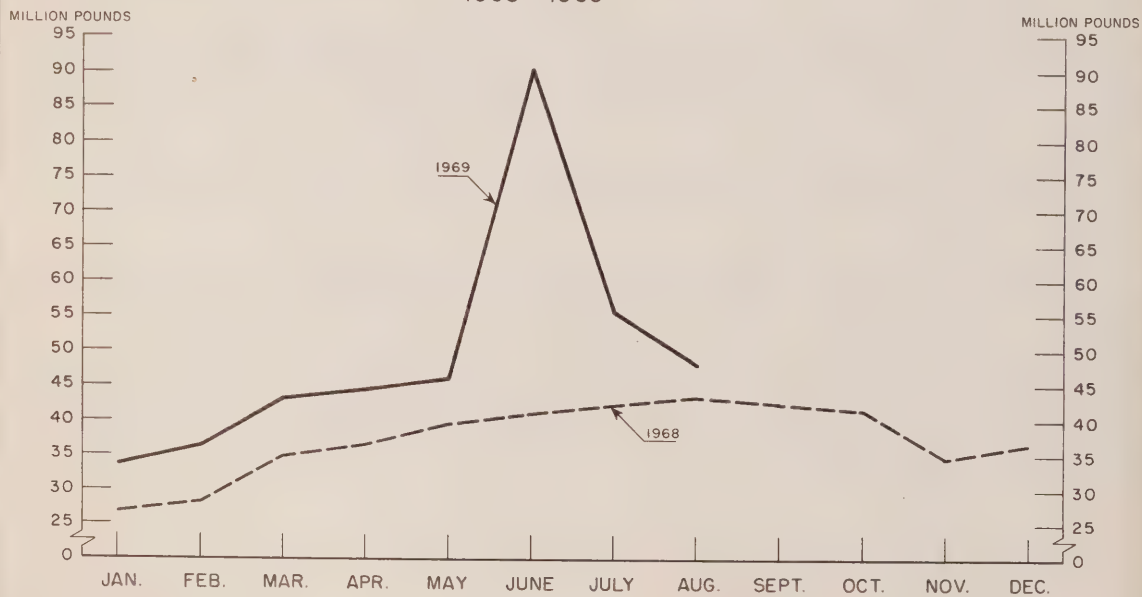
Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL).

## REVIEW OF AUGUST OPERATIONS

During August the operations of Canadian airlines showed increases over the same month in 1968. Compared to the month of July 1969 however there was a decline in the amount of goods carried. Figures for June reached a peak of 90 million pounds but declined to just slightly over 48 million pounds in August. It would again appear that there has been a slackening in demand for charter aircraft to provide transport services into our resource development areas. Quebecair again failed to show any transportation of charter freight and Transair showed a decline in charter freight of over 1,300,000 pounds during August over July 1969.

In spite of these decreases in some segments of the industry the overall picture was that of continued growth in traffic and financial position over the same period last year.

Increases in totals reported by Canadian carriers for unit toll services were noted for the number of miles flown (1.6 million more than August 1968), the number of passengers carried (176,044 thousand), the weight of goods carried (2.7 million pounds more), the number of passenger-miles flown (171 million more) and the number of goods ton-miles flown.

Despite the increase reported, the Group I and II carriers continued to show a decrease in the number of hours (781 hours less) flown for the same period last year. This would seem to indicate a higher degree of aircraft utilization as well as changes to the aircraft fleet to larger and faster aeroplanes.

Consumption figures for turbo fuel also point to increased use of turbine powered aeroplanes. Last year in August carriers reported using 36.4 million gallons of turbo fuel, while in 1969 they report using 45.4 million gallons.

Charter passengers carried in August 1969 numbered 163,229 while in August 1968 there were only 131,466, an increase of 31,763 passengers.

The financial position of the six major carriers continued to improve. Revenues rose to 69.5 million dollars, an increase of 11.7 million dollars over August 1968. Expenses increased 8.9 million dollars when compared with August of 1968. Operating income for the six carriers showed an improvement of some 2.8 million dollars over same month in 1968, although interest expenses also rose by \$694,637.

Net income after taxes reached \$9,652,261 in August, an improvement of \$2,691,035 over the same month last year.

The net income after taxes for the Group I to IV rose to \$14,679,091 for the year-to-date, an improvement of \$4,177,741 over the same period in 1968.

Group III carrier income after taxes rose from \$1,940,233 in August 1968 to \$2,654,220 in August 1969. While Group IV carrier income increased from \$1,518,038 in August 1968 to \$1,548,885 for the same month this year.

Specialty flying services continued to increase in August and rose to 29,127 hours of flying, an increase of some 1,480 hours. The biggest majority of specialty flying was reported by the Group IV air carriers. Of the total number of revenue hours flown for specialty flying, fixed-wing aircraft flew 25,800 hours and helicopters flew 3,327 hours. The bulk of specialty flying was recorded under flying training in fixed-wing aircraft which amounted to 10,509 revenue hours. The second largest contributor to specialty flying was attributed to Aerial inspection, reconnaissance and advertising.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

August 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	35	78	113	119	11	11	141	...	
Revenue transportation services:										
Unit toll:										
Departures(9) .....										
Hours flown .....	40,061	5,850	2,654	8,504	48,565	757	2,387	51,709	343,965	
Miles scheduled .....	13,204,553	...	...	...	13,204,553	260,364	973,899	14,438,816	93,995,081	
Miles flown:(4)										
Scheduled .....	13,493,790	...	...	...	13,493,790	256,616	974,227	14,724,633	96,047,005	
Non-scheduled .....	185,280	985,869	366,998	1,332,867	1,538,147	-	-	1,538,147	9,738,679	
Totals .....	13,679,070	985,869	366,998	1,352,867	15,031,937	256,616	974,227	16,262,780	105,785,684	
Passengers carried .....	1,006,575	36,793	9,925	46,718	1,053,293	223,956	82,901	1,360,150	7,999,865	
Goods carried:										
Cargo .....	19,470,299	1,408,964	411,033	1,819,997	21,290,296	3,175,829	4,856,572	29,570,010	236,048,270	
Excess baggage(5) .....	163,659	73,785	9,869	83,654	247,313	-	-	-	50,233,971	
Mail .....	4,963,035	321,414	47,735	369,149	5,332,184	815,254	249,855	6,397,293	286,282,241	
Totals .....	24,596,993	1,804,163	468,637	2,272,800	26,869,793	3,991,083	5,106,427	35,967,303	5,950,075,526	
Passenger-miles .....	1,027,303,915	9,052,701	2,277,270	11,329,971	1,038,633,886	11,941,622	70,160,262	1,120,735,770	151,024,074	
Goods ton-miles:										
Cargo .....	16,513,909	569,990	70,639	640,629	17,154,538	103,138	1,659,176	19,032,985	22,508,984	
Excess baggage(5) .....	87,031	18,328	10,774	29,102	116,133	-	-	-	173,533,058	
Mail .....	2,660,063	75,083	6,658	81,741	2,741,804	21,258	107,756	2,870,818		
Totals .....	19,261,003	663,401	88,071	751,472	20,012,475	124,396	1,766,932	21,903,803		
Bulk:										
Departures .....	2,404	24,090	26,721	50,811	53,215	...	...	...	...	
Hours flown .....	4,935	40,012	28,127	68,139	73,074	10	227	73,311	344,967	
Miles flown .....	1,434,076	2,949,393	2,742,908	5,692,301	7,126,377	3,402	73,608	7,203,387	36,727,187	
Passengers carried .....	42,426	68,296	52,507	120,803	163,229	1,337	13,072	177,638	845,829	
Freight carried .....	4,179,943	11,155,788	5,751,974	16,907,762	21,087,705	-	1,405	21,089,110	188,676,219	
Passenger-miles(6) .....	135,857,462	86,810,569	1,435,146	88,245,715	224,103,177	...	...	...	...	
Goods ton-miles(6) .....	1,038,374	734,994	109,257	844,251	1,882,625	...	...	...	...	
Revenue non-transportation services:										
Specialty flying - Hours flown "	308	7,239	21,580	28,819	29,127	-	-	29,127	171,229	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

August 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures(9)	No.									
Hours flown	"	45,304	53,101	52,361	105,462	150,766	767	154,147	860,161	
Miles flown	"	15,113,146	3,935,262	3,109,906	7,045,168	22,158,314	260,018	23,466,167	142,512,871	
Passengers carried	"	1,049,001	105,089	62,432	167,521	1,216,522	225,293	1,537,788	8,845,694	
Cargo carried	lb.	23,650,242	12,564,752	6,163,007	18,727,759	42,625,314(8)	3,175,829	4,857,977	50,659,120	
Goods carried(5)	"	28,776,936	12,959,951	6,220,611	19,180,562	47,957,498	3,991,083	5,107,832	474,958,460	
Passenger-miles(6)	No.	1,163,161,377	95,863,270	3,712,416	99,575,686	1,262,737,063	..	..	..	
Goods ton-miles(6)	"	20,299,377	1,398,395	197,328	1,595,723	21,895,100	..	..	..	
Non-revenue:(10)										
Hours flown	"	1,162	1,330	1,275	2,605	3,767	5	3,772	28,388	
Passengers carried	"									
Goods carried	lb.									
Passenger-miles	No.									
Goods ton-miles	"									
Fuel and oil consumed:										
Turbo fuel - Quantity	gal.	43,014,838	2,268,789	150,131	2,418,920	45,433,758	1,190,020	6,898,894	53,522,672	
Cost	\$	6,716,649	468,156	53,418	521,574	7,238,223	216,053	1,063,366	8,517,642	
Gasoline - Quantity	gal.	846,790	1,456,598	859,921	2,316,519	3,163,309	-	-	3,163,309	
Cost	\$	306,443	680,228	397,817	1,078,045	1,384,488	-	-	1,384,488	
Turbo oil - Quantity	gal.	10,542	415	82	497	11,039	253	-	11,292	
Cost	\$	69,826	2,502	759	3,261	73,087	1,721	-	74,808	
Other oil - Quantity	gal.	15,737	18,501	13,636	32,137	47,874	-	-	47,874	
Cost	\$	16,483	32,591	23,598	56,189	72,672	-	-	72,672	
Average number of employees:										
Pilots and co-pilots	No.	1,892	754	679	1,433	3,325	..	..	..	
Other flight personnel	"	2,724	188	48	236	2,960	..	..	..	
General management	"	499	217	170	387	886	..	..	..	
Maintenance labour	"	4,978	805	471	1,276	6,254	..	..	..	
Aircraft & traffic servicing	"	8,893	303	146	449	9,342	..	..	..	
Other personnel	"	6,675	394	304	698	7,373	..	..	..	
Totals	"	25,661	2,661	1,818	4,479	30,140	669	839	31,648	
Salaries and wages paid:										
Pilots and co-pilots	\$	3,008,438	804,362	570,827	1,375,189	4,383,627	..	..	..	
Other flight personnel	"	1,629,104	103,979	82,281	1,736,364	1,756,364	..	..	..	
General management	"	621,219	211,443	127,064	338,507	959,726	..	..	..	
Maintenance labour	"	3,518,050	506,087	272,054	778,141	4,296,191	..	..	..	
Aircraft & traffic servicing	"	5,820,684	161,133	69,801	230,934	6,051,618	..	..	..	
Other personnel	"	4,683,679	196,604	143,867	340,471	5,024,150	..	..	..	
Totals	"	19,281,174	1,983,608	1,206,894	3,190,502	22,471,676	490,305	614,106	23,576,087	
	\$								156,359,898	

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

August 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II (1)	Total	Group III (1)	Group IV	Total		
		dollars						
Operating revenues:								
Unit toll transportation:								
Passengers .....	53,220,852	3,478,985	56,699,837	1,094,323	203,360	1,297,683	57,997,520	320,313,356
Express .....	806,195	58,642	864,837	11,642	1,228	12,870	877,707	5,899,268
Freight .....	3,390,765	410,430	3,801,195	294,256	82,343	376,599	4,177,794	30,485,432
Excess baggage .....	206,521	41,255	247,776	22,211	3,629	25,840	273,616	1,687,527
Mail .....	1,804,129	160,107	1,964,236	117,480	12,114	129,594	2,093,830	16,744,020
Total unit toll transportation ..	59,428,462	4,149,419	63,577,881	1,539,912	302,674	1,842,586	65,420,467	375,129,603
Bulk transportation								
Total transportation .....	2,780,489	2,328,121	5,108,610	8,215,947	2,892,810	11,108,757	16,217,367	74,835,249
Other flying services .....	62,208,951	6,477,540	68,686,491	9,755,859	3,195,484	12,951,343	81,637,834	449,964,852
Total flying services .....	8,688	179,193	187,881	793,275	1,173,967	1,967,242	2,155,123	10,280,827
Non-flying services .....	62,217,639	6,656,733	68,874,372	10,549,134	4,369,451	14,918,585	83,792,957	460,255,679
Total operating revenues .....	638,094	36,037	674,131	277,282	297,604	574,886	1,249,017	9,539,220
	62,855,733	6,692,770	69,548,503	10,826,416	4,667,055	15,493,471	85,041,974	469,794,899
Operating expenses:								
Flying operations .....	12,434,426	2,454,913	14,889,339	3,476,903	1,526,959	5,003,862	19,893,201	124,044,566
Maintenance .....	6,998,460	1,237,148	8,235,608	2,002,745	781,254	2,783,999	11,019,607	78,918,204
General services and administration:								
Passenger service .....	6,086,491	485,139	6,571,630	..	..	..	..	..
Aircraft and traffic servicing .....	7,246,203	968,321	8,214,524	..	..	..	..	..
Promotion and sales .....	8,904,184	296,600	9,200,784	..	..	..	..	..
General administration .....	2,383,353	325,494	2,708,847	..	..	..	..	..
Totals .....	24,620,231	2,075,554	26,695,785	1,264,254	493,463	1,757,717	28,453,502	188,226,591
Depreciation and amortization .....	4,137,067	446,627	4,583,694	543,698	253,440	797,138	5,380,832	39,314,121
Total operating expenses .....	48,190,184	6,214,242	54,404,426	7,287,600	3,055,116	10,342,716	64,747,142	430,503,482
Operating income (loss) .....	14,665,549	478,528	15,144,077	3,538,816	1,611,939	5,150,755	20,294,832	39,291,417
Non-operating income - Net:								
Capital gains and losses .....	544,050	297,272	841,322	Dr.	35,588	29,253	870,575	2,226,434
Interest and discounts .....	722,291	33,869	756,160	52,675	1,083	53,758	809,918	5,355,035
Miscellaneous non-operating income ..	Dr.	6,197	Dr.	21,587	5,028	26,615	Dr.	214,024
Income before interest expense .....	15,777,571	815,866	16,593,437	3,606,743	1,653,638	5,260,381	21,853,818	46,658,862
Interest expense .....	2,580,869	267,307	2,848,176	432,392	79,621	512,013	3,360,189	24,056,853
Income before income taxes .....	13,196,702	548,559	13,745,261	3,174,351	1,574,017	4,748,368	18,493,629	22,602,009
Provision for income taxes .....	3,805,000	288,000	4,093,000	520,131	25,132	545,263	4,638,263	7,922,918
Net income after income taxes .....	9,391,702	260,559	9,652,261	2,654,220	1,548,885	4,203,105	13,855,366	14,679,091

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

August 1969

	Air Canada	CP Air	Eastern Provincial Airways (1965) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	41,097,332	12,123,520	702,639	1,585,229	709,703	481,414	56,699,837	313,657,452
Express .....	721,086	85,109	6,042	40,115	-	12,485	864,837	5,822,589
Freight .....	2,617,139	773,626	94,548	182,007	94,735	39,140	3,801,195	28,235,755
Excess baggage .....	140,360	66,161	7,951	17,695	13,712	1,897	247,776	1,576,228
Mail .....	1,253,654	550,475	41,573	90,930	10,193	17,411	1,964,236	15,636,690
Total unit toll transportation ..	45,829,571	13,598,891	852,753	1,915,976	828,343	552,347	63,577,881	364,928,714
Bulk transportation .....	1,607,904	1,172,585	137,560	1,800,635	50,173	339,753	5,108,610	24,816,630
Total transportation .....	47,437,475	14,771,476	990,313	3,716,611	878,516	892,100	68,686,491	389,745,344
Other flying services .....	8,688	-	179,193	-	-	-	187,881	674,327
Total flying services .....	47,446,163	14,771,476	1,169,506	3,716,611	878,516	892,100	68,874,372	390,419,671
Non-flying services .....	417,255	220,839	25,804	-	302	9,931	674,131	6,763,614
Total operating revenues .....	47,863,418	14,992,315	1,195,310	3,716,611	878,818	902,031	69,548,503	397,183,285
Operating expenses:								
Flying operations .....	8,699,126	3,735,300	461,911	1,347,922	239,825	405,255	14,889,339	97,135,800
Maintenance .....	5,727,305	1,271,155	255,430	522,140	150,600	308,978	8,235,608	61,642,488
General services and administration:								
Passenger service .....	4,509,070	1,577,421	86,696	292,904	30,235	75,304	6,571,630	38,667,638
Aircraft and traffic servicing .....	5,900,319	1,345,884	152,964	506,892	136,475	171,990	8,214,524	57,591,835
Promotion and sales .....	6,300,780	2,603,404	30,007	213,765	14,388	38,440	9,200,784	61,209,459
General administration .....	1,773,740	609,613	49,610	174,411	47,259	54,234	2,708,847	18,667,312
Totals .....	18,483,909	6,136,322	319,277	1,187,972	228,337	339,968	26,695,785	176,136,244
Depreciation and amortization .....	3,766,857	370,210	56,887	119,070	68,379	202,291	4,583,694	33,462,602
Total operating expenses .....	36,677,197	11,512,987	1,093,505	3,177,104	687,141	1,256,492	54,404,426	368,377,134
Operating income (loss) .....	11,186,221	3,479,328	101,805	539,507	191,677	Dr.	15,144,077	28,806,151
Non-operating income - Net:								
Capital gains and losses .....	-	544,050	23,713	23,559	250,000	-	841,322	1,423,496
Interest and discounts .....	663,619	58,672	35	33,834	-	-	756,160	5,207,749
Miscellaneous non-operating income ..	Dr.	74,102	-	10,625	Dr.	339	Dr.	481,801
Income before interest expense .....	11,769,623	4,007,948	125,553	607,525	437,588	354,800	16,593,437	34,955,595
Interest expense .....	2,182,007	398,862	41,352	126,035	77,546	22,574	2,848,176	21,310,362
Income before income taxes .....	9,587,616	3,609,086	84,201	481,490	360,042	377,174	13,745,261	13,645,233
Provision for income taxes .....	2,000,000	1,805,000	-	288,000	-	-	4,093,000	6,953,000
Net income after income taxes .....	7,587,616	1,804,086	84,201	193,490	360,042	377,174	9,652,261	6,692,233

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

August 1969

	Group I carriers				Group II carriers(1)				Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....	No.								
Hours flown .....	27,946	6,152	34,098	1,078	2,012	1,405	1,468	5,963	40,061
Miles scheduled .....	9,484,899	2,698,405	12,183,304	92,248	480,553	221,421	227,027	1,021,249	13,204,553
Miles flown:(1)									
Scheduled - Regular .....	9,428,075	2,671,979	12,100,054	74,221	477,347	221,421	222,321	995,310	13,095,364
Extra sections .....	284,199	27,597	311,796	1,463	52,022	28,948	4,197	86,630	398,426
Non-scheduled .....				160,008	-	-	25,272	185,280	185,280
Totals .....	9,712,274	2,699,576	12,411,850	235,692	529,369	250,369	251,790	1,267,220	13,679,070
Ratio of regular miles flown to miles scheduled .....	99.4	99.0	99.3	80.5	99.3	100.0	97.9	97.5	99.2
Passengers carried .....	No.								
747,447		133,597	881,044	21,482	68,854	19,062	16,133	125,531	1,006,575
Goods carried:									
Freight .....	12,557,938	2,361,845	14,919,783	752,859	1,065,882	417,676	338,954	2,575,371	17,495,154
Express .....	1,615,601	180,737	1,796,338	14,948	118,415	-	45,444	178,807	1,975,145
Excess baggage(2) .....	30,472	30,472	30,472	25,442	56,601	51,144	-	133,187	163,659
Mail .....	4,051,136	329,025	4,380,161	219,166	280,473	8,992	74,243	582,874	4,963,035
Totals .....	18,224,675	2,902,079	21,126,754	1,012,415	1,521,371	477,812	458,641	3,470,239	24,596,993
Passenger-miles:(1)									
Scheduled .....	755,674,319	230,697,357	986,371,676	3,430,540	19,284,104	7,120,328	5,453,087	35,288,059	1,021,659,735
Non-scheduled .....	-	-	-	5,491,479	-	-	152,701	5,644,180	5,644,180
Totals .....	755,674,319	230,697,357	986,371,676	8,922,019	19,284,104	7,120,328	5,605,788	40,932,239	1,027,303,915
Available seat-miles on scheduled services(1) .....	1,090,253,029	386,044,531	1,476,297,560	5,805,985	38,137,878	11,796,986	9,903,701	65,644,550	1,541,942,110
Passenger load factor on scheduled services(1) .....	69.3	59.8	66.8	59.1	50.6	60.4	55.1	53.8	66.3
Goods ton-miles:(1)									
Freight - Scheduled .....	11,653,278	3,344,997	14,998,275	14,057	328,723	94,267	55,763	492,810	15,491,085
Non-scheduled .....	-	-	-	182,939	-	-	12,184	195,123	195,123
Totals .....	11,653,278	3,344,997	14,998,275	196,996	328,723	94,267	67,947	687,933	15,686,208
Express - Scheduled(1) .....	703,560	80,520	784,080	1,281	32,762	-	8,296	42,339	826,419
Non-scheduled .....	-	-	-	1,285	-	-	-	1,285	1,285
Totals .....	703,560	80,520	784,080	2,566	32,762	-	8,296	43,624	827,704

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

August 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	56,044	56,044	3,085	11,996	11,973	-	27,054	83,098
Non-scheduled .. " ..	..	-	-	3,933	-	-	-	3,933	3,933
Totals .....	..	56,044	56,044	7,018	11,996	11,973	-	30,987	87,031
Mail - Scheduled(1) .....	2,015,232	501,115	2,516,347	36,036	69,187	7,810	7,088	120,121	2,636,468
Non-scheduled .. " ..	-	-	-	18,018	-	-	5,577	23,595	23,595
Totals .....	2,015,232	501,115	2,516,347	54,054	69,187	7,810	12,665	143,716	2,660,063
Total - Scheduled(1, 2) .....	14,372,070	3,982,676	18,354,746	54,459	442,668	114,050	71,147	682,324	19,037,070
Non-scheduled .. " ..	-	-	-	206,175	-	-	17,761	223,936	223,936
Totals .....	14,372,070	3,982,676	18,354,746	260,634	442,668	114,050	88,908	906,260	19,261,006
Available ton-miles on scheduled services(1) .....	166,260,089	52,760,894	219,020,983	620,058	4,813,713	1,395,572	1,242,300	8,071,643	227,092,626
Weight load factor on scheduled services(1, 3) .....	54.1	51.3	53.4	64.1	49.3	59.2	49.6	52.2	53.4
Bulk:									
Departures .....	232	101	333	1,240	462	18	351	2,071	2,404
Hours flown .....	1,039	455	1,494	1,311	1,213	29	888	3,441	4,935
Miles flown .....	485,526	212,729	698,255	125,557	433,123	4,936	172,205	735,821	1,434,076
Passengers carried .....	14,960	11,675	26,635	2,119	11,258	174	2,240	15,791	42,426
Freight carried .....	40,087	42,448,919	40,087	240,735	2,380,963	-	1,518,158	4,139,856	4,179,943
Passenger-miles(4) .....	55,641,612	98,090,531	138,456	34,759,184	72,052	2,797,239	37,766,931	135,857,462	1,038,374
Goods ton-miles(4) .....	66,544	-	66,544	10,500	581,235	-	380,095	971,830	1,038,374
Revenue non-transportation services:									
Specialty flying - Hours flown .....	22	-	22	286	-	-	-	286	308
Total - All services:									
Traffic, hours and miles(5)									
Revenue:									
Departures(6) .....	29,007	6,607	35,614	2,675	3,225	1,434	2,356	9,690	45,304
Hours flown .....	10,197,800	2,912,305	13,110,105	361,249	962,492	255,305	423,995	2,003,041	15,113,146
Miles flown .....	762,407	145,272	907,679	23,601	80,112	19,236	18,373	141,322	1,049,001
Passengers carried .....	14,213,626	2,542,582	16,756,208	1,008,542	3,565,260	417,676	1,902,556	6,894,034	23,650,242
Cargo carried .....	18,264,762	2,902,079	21,166,841	1,233,150	3,902,334	477,812	1,976,799	7,610,995	28,776,936
Goods carried(2) .....	811,315,931	273,146,276	1,084,462,207	9,060,475	54,043,288	7,192,580	8,403,027	78,699,170	1,163,161,377
Passenger-miles(4) .....	14,438,614	3,982,676	18,421,290	271,134	1,023,903	114,050	469,003	1,878,090	20,299,380
Goods ton-miles(2, 4) .....									

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

August 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown ..... No.	228	266	494	253	234	17	164	668	1,162
Passengers carried ..... "									
Goods carried ..... lb.									
Passenger-miles ..... No.									
Goods ton-miles ..... "									
Fuel and oil consumed:									
Turbo fuel - Quantity ..... gal.	29,351,518	9,778,328	39,129,846	341,764	1,518,322	1,766,185	258,721	3,884,992	43,014,838
Cost ..... \$	4,371,083	1,527,513	5,898,596	72,693	312,494	370,899	61,967	818,053	6,716,649
Gasoline - Quantity ..... gal.	-	1,556	1,556	125,311	401,827	104,239	213,857	845,234	846,790
Cost ..... \$	-	389	389	43,120	140,124	34,399	88,411	306,054	306,443
Turbo oil - Quantity ..... gal.	2,868	949	3,817	57	855	5,806	7	6,725	10,542
Cost ..... \$	28,152	9,316	37,468	855	11,115	20,322	66	32,358	69,826
Other oil - Quantity ..... gal.	-	28	28	1,926	4,444	6,614	2,725	15,709	15,737
Cost ..... \$	-	27	27	2,407	5,555	5,291	3,203	16,456	16,483
Average number of employees:									
Pilots and co-pilots ..... No.	1,144	366	1,510	75	170	65	72	382	1,892
Other flight personnel ..... "	1,950	504	2,454	28	165	32	45	274	2,724
General management ..... "	101	131	232	20	160	67	20	267	499
Maintenance labour ..... "	3,468	757	4,225	232	283	116	122	753	4,978
Aircraft and traffic servicing ..... "	6,304	1,938	8,242	150	253	136	112	651	8,893
Other personnel ..... "	5,144	1,259	6,403	62	124	14	72	272	6,675
Total employees ..... "	18,111	4,955	23,066	567	1,155	430	443	2,595	25,661
Salaries and wages:									
Pilots and co-pilots ..... \$	1,964,447	602,704	2,567,151	75,629	219,485	62,937	83,236	441,287	3,008,438
Other flight personnel ..... \$	1,194,262	331,811	1,526,073	10,746	54,528	11,308	26,449	103,031	1,629,104
General management ..... \$	257,578	169,575	427,153	26,889	100,898	44,521	21,758	194,066	621,219
Maintenance labour ..... \$	2,486,974	499,252	2,986,226	138,328	242,162	71,078	80,256	531,824	3,518,050
Aircraft and traffic servicing ..... \$	4,343,257	1,094,898	5,438,155	73,286	173,883	86,477	48,883	382,529	5,820,684
Other personnel ..... \$	3,850,508	701,020	4,551,528	24,867	65,089	11,959	30,236	132,151	4,683,679
Total salaries and wages ..... \$	14,097,026	3,399,260	17,496,286	349,745	856,045	288,280	290,818	1,784,888	19,281,174

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

August 1969

- 15 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated ..... No.	615,633	101,840	15,488	68,854	19,062	15,681	836,558
Domestic interline .....	14,711	14,711	6,024	-	-	-	169,595
Foreign interline .....	131,814	17,046	-	-	-	-	
Totals(2) .....	747,447	133,597	21,512	68,854	19,062	15,681	1,006,153
<b>Express carried:</b>							
Originated ..... lb.	1,615,601	180,737	14,948	118,415	-	45,444	1,975,145
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,615,601	180,737	14,948	118,415	-	45,444	1,975,145
<b>Freight carried:</b>							
Originated .....	12,557,938	1,800,257	752,859	1,065,882	417,676	256,950	16,851,562
Domestic interline .....	-	18,841	-	-	-	-	18,841
Foreign interline .....	-	76,743	-	-	-	-	76,743
Totals(2) .....	12,557,938	1,895,841	752,859	1,065,882	417,676	256,950	16,947,146
<b>Excess baggage carried:</b>							
Originated .....	-	30,419	25,442	56,601	51,144	-	163,606
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	30,419	25,442	56,601	51,144	-	163,606
<b>Mail carried:</b>							
Originated .....	4,051,136	304,176	219,166	280,473	8,992	35,930	4,899,873
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,051,136	304,176	219,166	280,473	8,992	35,930	4,899,873

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

August 1969

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,912	1,224	843	160	5,139	15,612	20,751
Hours flown .....	4,337	6,194	2,279	831	13,661	20,457	34,098
Miles scheduled .....	1,347,592	3,017,471	968,207	402,285	5,735,555	6,447,749	12,183,304
Miles flown:							
Scheduled - Regular .....	1,342,376	2,993,584	961,161	402,285	5,699,406	6,400,648	12,100,054
Extra sections .....	38,480	18,094	21,654	-	78,228	233,568	311,796
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,380,856	3,011,678	982,815	402,285	5,777,634	6,634,216	12,411,850
Ratio of regular miles flown to miles scheduled .....	99.6	99.2	96.2	100.0	98.8	99.3	99.1
Passengers carried .....	No.						
Cargo carried .....	..	..	..	..	293,286	587,758	881,044
Mail carried .....	..	..	..	..	6,989,945	9,756,648	16,746,593
Passenger-miles .....	No.				611,181	3,768,980	4,380,161
Available seat-miles on scheduled services	101,252,802	258,168,754	70,134,343	43,294,946	472,850,845	513,520,831	986,371,676
Passenger load factor on scheduled services	151,077,108	458,475,194	115,010,386	70,950,750	795,513,438	680,784,122	1,476,297,560
Goods ton-miles:	67.0	56.3	61.0	61.0	59.4	75.4	66.8
Express .....	55,358	-	-	-	55,358	728,722	784,080
Freight .....	915,175	5,774,323	1,184,051	1,013,706	8,887,255	6,111,020	14,998,275
Excess baggage .....	147	19,597	16,373	18,236	54,353	1,691	56,044
Mail .....	59,314	310,387	167,186	296,745	833,632	1,682,715	2,516,347
Totals .....	1,029,994	6,104,307	1,367,610	1,328,687	9,830,598	8,524,148	18,354,746
Available ton-miles on scheduled service ....	21,274,563	68,806,157	15,754,186	10,227,501	116,062,407	102,958,576	219,020,983
Weight load factor on scheduled services(1)	52.4	46.4	53.2	55.3	49.2	58.2	53.4
Bulk:							
Departures .....	615	452	59	-	1,126	..	..
Hours flown .....	780	2,627	134	-	3,541	..	..
Miles flown .....	174,225	1,309,929	54,685	-	1,538,839	..	..
Passengers carried .....	2,515	50,125	2,049	-	54,689	..	..
Goods carried .....	161,180	40,087	-	-	201,267	..	..
Passenger-miles(2) .....	2,701,388	205,446,269	3,044,941	-	211,192,598	..	..
Goods ton-miles(2) .....	31,495	66,544	-	-	98,039	..	..
Total:							
Departures .....	3,527	1,676	902	160	6,265	..	..
Hours flown .....	5,117	8,821	2,413	831	17,182	..	..
Miles flown .....	1,555,081	4,321,607	1,037,500	402,285	7,316,473	..	..
Passengers carried .....	..	..	..	..	347,975	..	..
Goods carried .....	..	..	..	..	7,802,393	..	..
Passenger-miles(2) .....	103,954,190	463,615,023	73,179,284	43,294,946	682,043,443	..	..
Goods ton-miles(2) .....	1,061,489	6,170,851	1,367,610	1,328,687	9,928,637	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

August 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	206,823	212,151	418,974	55,334	87,184	142,518
Bulk ..... "	889	799	1,688	19,046	18,110	37,156
Totals ..... "	207,712	212,950	420,662	74,380	105,294	179,674
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,495,715	4,674,920	6,170,635	1,799,113	5,875,973	7,675,086
Bulk ..... "	14,160	-	14,160	27,332	-	27,332
Totals ..... "	1,509,875	4,674,920	6,184,795	1,826,445	5,875,973	7,702,418
Mail carried (unit toll) ..... "	220,459	838,500	1,058,959	174,978	229,100	404,078
All other areas				Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	15,556	20,427	35,983	277,713	319,762	597,475
Bulk ..... "	-	-	-	19,935	18,909	38,844
Totals ..... "	15,556	20,427	35,983	297,648	338,671	636,319
Freight, express and excess baggage carried:						
Unit toll ..... lb.	580,116	461,745	1,041,861	3,874,944	11,012,638	14,887,582
Bulk ..... "	-	-	-	41,492	-	41,492
Totals ..... "	580,116	461,745	1,041,861	3,916,436	11,012,638	14,929,074
Mail carried (unit toll) ..... "	119,722	93,217	212,939	515,159	1,160,817	1,675,976
Total by Canadian carriers				Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	133,709	156,909	290,618	144,004	162,853	306,857
Bulk ..... "	10,951	13,484	24,435	8,984	5,425	14,409
Totals ..... "	144,660	170,393	315,053	152,988	168,278	321,266
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,109,172	4,746,009	6,855,181	1,765,772	6,266,629	8,032,401
Bulk ..... "	40,087	-	40,087	1,405	-	1,405
Totals ..... "	2,149,259	4,746,009	6,895,268	1,767,177	6,266,629	8,033,806
Mail carried (unit toll) ..... "	349,511	261,356	610,867	165,648	899,461	1,065,109

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

August 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	10,509	229,519	82,365	1,765,582	77	14,470	3,198	227,002
Recreational flying .....	1,878	45,445	12,336	296,349	116	10,190	731	68,916
Aerial photography and survey(1) ...	2,223	241,126	10,095	1,147,607	144	26,822	884	159,585
Aerial photography .....	2,087	63,317	2,516	88,197	-	-	52	5,623
Aerial inspection, reconnaissance and advertising(2) .....	4,295	321,209	18,758	1,583,657	1,736	263,477	9,044	1,221,122
Aerial application & distribution(3) ..	1,000	280,083	5,042	967,671	297	47,526	700	160,140
Aerial control .....	1,248	348,799	4,268	1,272,331	267	37,693	1,044	120,786
Aerial construction .....	-	-	-	-	2	300	25	5,129
Air ambulance and mercy services ...	5	459	44	4,689	-	-	22	1,775
Aircraft rental .....	2,281	46,993	16,159	313,664	-	-	481	32,550
Non-transportation charter .....	274	15,540	1,441	107,158	688	75,888	2,290	270,737
Totals .....	25,800	1,592,490	153,024	7,546,905	3,327	476,366	18,471	2,273,365

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

August 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 22	...	9	...	31	...
Helicopters - Owned .....	" 239	226	36	34	275	260
Leased .....	" 50	28	10	4	60	32
Totals .....	" 289	254	46	38	335	292
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 23,293	95,500	2,406	9,641	25,699	105,141
Specialty .....	" 1,524	12,452	1,803	6,019	3,327	18,471
Totals .....	" 24,817	107,952	4,209	15,660	29,026	123,612
Non-revenue hours flown .....	" 466	3,617	35	425	501	4,042
Fuel and oil consumed:						
Gasoline .....	gal. 505,209	2,141,187	69,297	265,051	574,506	2,406,238
Cost .....	\$ 245,568	1,015,808	28,468	117,822	274,036	1,133,630
Oil .....	gal. 5,199	32,007	795	3,119	5,994	35,126
Cost .....	\$ 12,080	66,652	1,576	6,042	13,656	72,694
Average number of employees:						
Pilots .....	No. 303	258	33	28	336	285
Administrative .....	" 127	128	1	1	128	130
Maintenance labour .....	" 268	256	26	19	294	275
Other personnel .....	" 31	29	-	-	31	29
Totals .....	" 729	670	60	49	789	719
Salaries and wages:						
Pilots .....	\$ 354,419	2,340,768	37,681	196,697	392,100	2,537,465
Administrative .....	\$ 96,037	776,770	400	5,471	96,437	782,241
Maintenance labour .....	\$ 205,808	1,387,653	15,704	94,090	221,512	1,481,743
Other personnel .....	\$ 19,012	116,137	-	1,896	19,012	118,033
Totals .....	\$ 675,276	4,621,328	53,785	298,154	729,061	4,919,482

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
August 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	3,184,221	13,266,862
Total transportation .....	3,184,221	13,266,862
Other flying services .....	278,484	1,597,959
Total flying services .....	3,462,705	14,864,821
Non-flying services .....	139,218	387,008
Total operating revenues .....	3,601,923	15,251,829
Operating expenses:		
Flying operations .....	1,129,236	5,171,080
Maintenance .....	726,188	4,363,874
General service and administration .....	205,920	1,778,046
Depreciation and amortization .....	142,637	1,165,473
Total operating expenses .....	2,203,981	12,478,473
Operating income (deficit) .....	1,397,942	2,773,356
Non-operating income:		
Capital gains and losses .....	Dr. 11,485	122,026
Interest and discounts .....	2,777	14,644
Miscellaneous non-operating income .....	Dr. 412	Dr. 31,653
Income before interest expense .....	1,388,822	2,878,373
Interest expense .....	52,405	584,293
Income before income taxes .....	1,336,417	2,294,080
Provision for income taxes .....	194,736	556,249
Net income after income taxes .....	1,141,681	1,737,831

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-Carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
- Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
- Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.

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# CIVIL AVIATION

## SEPTEMBER 1969

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## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

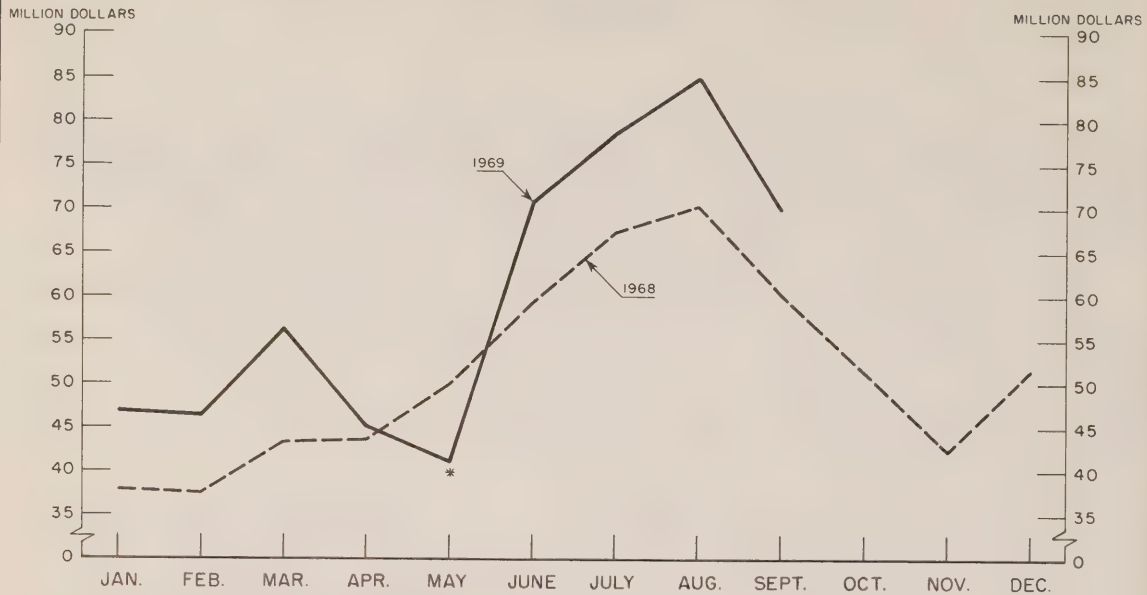
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

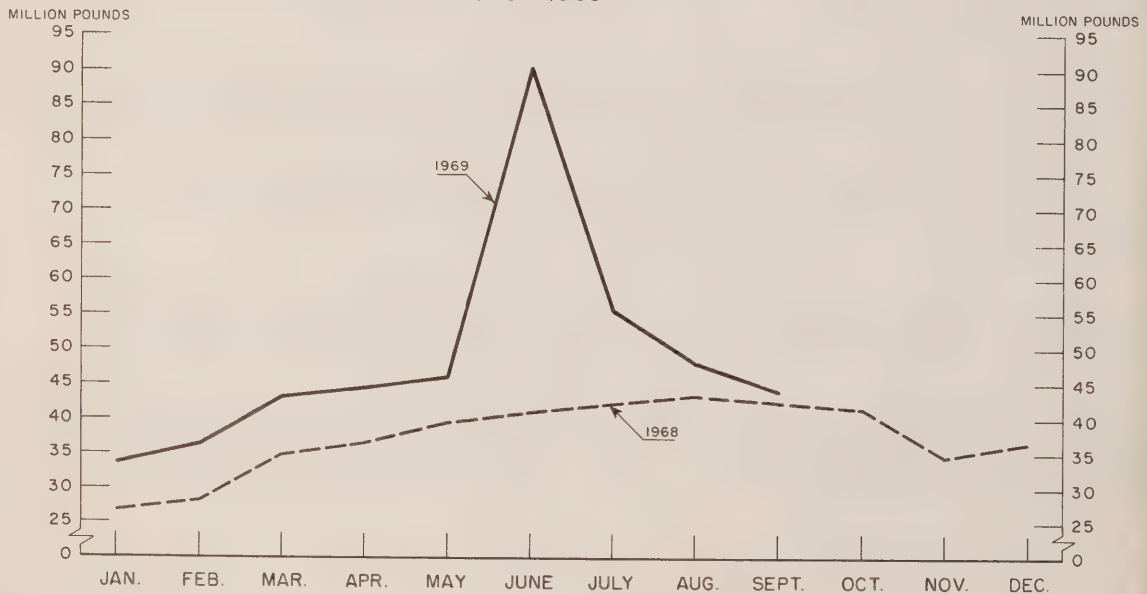
Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL).

## REVIEW OF SEPTEMBER OPERATIONS

During the month of September 1969 Canadian air carriers increased their traffic volume and showed additional revenues but operating income for companies in Group I-IV declined by more than \$2 million compared to figures reported for the same month of 1968. Although total operating revenues for the approximately 125 carriers reporting for the month increased by over \$9 million there was an even larger increase in operating expenses which rose from \$51 million in September 1968 to almost \$63 million in 1969. The major items of expenditure which contributed to these higher operating expenses during the month were salaries and wages which grew by more than \$3.5 million and turbo fuel expense which grew by more than \$1.7 million. Within the industry as a whole there were areas of financial improvement in spite of a decline in the overall picture. The total operating income of the approximately 35 carriers in reporting Group III almost doubled to \$1.5 million.

Most of the decline in operating income was accounted for by the six major carriers. Air Canada showed a decline of \$1.5 million in operating income and CP Air showed \$650,000 less for the month. Slight improvements reported by some regional carriers (Eastern Provincial Airways and Quebecair) were more than offset by even larger declines reported by others (Pacific Western Airlines and Transair).

However, year-to-date figures indicate that the first nine months of 1969 were better than the first three quarters of 1968 for Canadian air carriers. Total operating revenues for the January-September period increased by more than \$70 million while total operating expenses increased by only \$60 million compared to the same period of 1968. In looking at year-to-date figures it should be kept in mind that Air Canada did not operate for 30 days in 1969 because of a strike by employees. Much of the gain shown in operating income was reduced by an increase of \$7.8 million in interest expense for the nine month period. Purchases of new jet and turbine-powered aircraft with accompanying expenditures on passenger and traffic handling facilities and equipment necessitated large capital outlays. Much of this capital was borrowed on the open market at increasingly high rates of interest and these charges are reflected in decreased net income figures.

Traffic figures for the month of September showed increases in the number of passengers carried and the weight of goods carried by Group I-IV carriers. Figures for charter traffic carried by the major airlines showed the largest increase as a result of promotional schemes designed to attract large numbers of affinity groups and inclusive tour passengers. A decline was recorded in the amount of cargo carried but the number of goods ton-miles continued to increase. The rapid pace of growth demonstrated earlier in 1969 showed signs of slackening in September although in absolute terms the total activity of the air transport industry continued to expand.

American air carriers operating to and from Canada reported an increase of 15,000 in the number of passengers carried during the month and an additional 50,000 lbs. of goods but other foreign carriers showed a decrease of 6,000 in the number of passengers carried. These other foreign airlines did however, report an increase of over 75,000 lbs. in the weight of goods carried.

Companies operating helicopters exclusively showed much the same pattern as the overall total for the air transport industry in Canada. Operating revenues increased but operating expenses increased even more and operating income suffered compared to September 1968 figures.

Canadian air carriers in reporting Group V showed a decline in activity in the third quarter of 1969 compared to the same three month period in 1968. The smaller total number of hours flown is especially notable when it is realised that 1969 figures summarize the number of hours flown by 290 companies while 1968 totals include only 264 companies. Specialty flying services were the type of activity which showed the largest reduction in number of hours flown for the July, August, September period. Flying training was reduced by more than ten thousand hours, recreational flying was down by four thousand hours and aircraft rentals were reduced by almost one thousand hours. Increases in transportation flights (unit toll and charter services) of more than nine thousand hours and in aerial inspection, reconnaissance and advertising were not sufficient to offset the reduction in the three types of specialty flying associated with learning to fly, ie. flying training, recreational flying and aircraft rental. This decrease can be attributed in part to a cancellation of an incentive refund scheme which was formerly available to student pilots through the Department of Transport. Year-to-date figures for companies in Group V also show an overall decline in activity in spite of increases in transportation flying by these carriers. In the first nine months of 1969 the total number of hours reported as flown by Group V carriers was almost 35,000 less than in the same period of 1968 with the major decreases being associated with student pilot activities (flying training was down over 20,000 hours and recreational flying was down 5,500 hours). These figures include the activities of both fixed-wing aircraft and helicopters.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

September 1969

	Canadian carriers						Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers	Other Foreign carriers(3)					
		Group III(1)	Group IV	Total							
Number of carriers reporting ...	6	36	77	113	119	11	11	141	...		
Revenue transportation services:											
Unit toll:											
Departures(9) .....											
Hours flown .....	37,864	5,092	2,296	7,388	45,252	791	2,279	48,322	392,287		
Miles scheduled .....	12,563,618	...	...	...	12,563,618	280,222	885,365	13,729,205	107,724,286		
Miles flown:(4)											
Scheduled .....	12,581,769	...	...	...	12,581,769	264,518	885,227	13,731,514	109,778,519		
Non-scheduled .....	232,652	849,783	303,555	1,153,338	1,385,990	-	-	1,385,990	11,124,669		
Totals .....	12,814,421	849,783	303,555	1,153,338	13,967,759	264,518	885,227	15,117,504	120,903,188		
Passengers carried .....	795,062	29,866	8,602	38,468	833,530	198,307	72,974	1,104,811	9,104,676		
Goods carried:											
Cargo .....	21,153,282	1,600,877	264,196	1,865,073	23,018,355	3,656,923	5,435,802	32,388,662	268,436,932		
Excess baggage(5) .....	187,523	76,207	13,852	90,059	277,582	796,929	302,691	6,777,588	57,011,559		
Mail .....	5,258,660	353,888	65,420	419,308	5,677,968	4,453,852	5,738,493	39,166,250	325,448,491		
Totals .....	26,599,465	2,030,972	343,468	2,374,440	28,973,905	11,251,832	61,825,096	873,067,148	6,823,142,674		
Passenger-miles .....	789,508,036	7,642,770	2,839,414	10,482,184	799,990,220	118,606	2,073,350	20,831,365	171,855,439		
Goods ton-miles:											
Cargo .....	17,808,831	642,144	45,309	687,453	18,496,284	21,460	134,516	3,027,718	25,536,702		
Excess baggage(5) .....	115,637	19,521	7,967	27,488	143,125	140,066	2,207,866	23,859,083	197,392,141		
Mail .....	2,777,261	83,633	10,848	94,481	2,871,742	...	...	...	...		
Totals .....	20,701,729	745,298	64,124	809,422	21,511,151	...	...	...	...		
Bulk:											
Departures .....	1,972	18,047	20,503	38,550	40,522	...	...	...	...		
Hours flown .....	3,904	27,829	20,365	48,194	52,098	27	187	52,312	397,279		
Miles flown .....	1,192,052	2,153,487	2,148,062	4,301,549	5,493,601	9,869	59,396	5,562,866	42,290,053		
Passengers carried .....	34,938	53,493	40,505	93,998	128,936	2,287	11,076	142,299	988,128		
Freight carried .....	2,713,962	7,574,755	4,479,384	12,054,139	14,768,101	-	-	14,768,101	203,444,320		
Passenger-miles(6) .....	110,298,999	61,179,089	786,583	61,965,672	172,264,671	...	...	...	...		
Goods ton-miles(6) .....	993,096	453,305	31,866	485,171	1,478,267	...	...	...	...		
Revenue non-transportation services:											
Specialty flying - Hours flown "	201	3,757	15,581	19,338	19,539	-	-	19,539	190,768		

the footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

September 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures (9) .....	No.									
Hours flown .....	41,969	36,678	38,242	74,920	116,889	818	2,466	120,173	980,334	
Miles flown .....	14,006,473	3,003,270	2,451,617	5,454,887	19,461,366	274,387	944,623	20,680,370	163,193,241	
Passengers carried .....	830,000	83,359	49,107	132,466	962,466	200,594	84,050	1,247,110	10,092,804	
Cargo carried .....	23,867,244	9,175,632	4,743,580	13,919,212	38,064,038(8)	3,656,923	5,435,802	47,156,763	471,881,252	
Goods carried(5) .....	29,313,427	9,605,727	4,822,852	14,428,579	43,742,006	4,453,852	5,738,493	53,934,351	528,892,811	
Passenger-miles(6) .....	899,807,035	68,821,859	3,625,997	72,447,856	972,254,891	..	..	..	..	
Goods ton-miles(6) .....	21,694,825	1,198,603	95,990	1,294,593	22,989,418	..	..	..	..	
Non-revenue:(10)										
Hours flown .....	854	1,272	1,066	2,338	3,192	8	1	3,201	31,589	
Passengers carried .....										
Goods carried .....										
Passenger-miles .....	No.									
Goods ton-miles .....	"									
Fuel and oil consumed:										
Turbo fuel - Quantity .....	gal.									
Cost .....	\$									
Gasoline - Quantity .....	gal.									
Cost .....	\$									
Turbo oil - Quantity .....	gal.									
Cost .....	\$									
Other oil - Quantity .....	gal.									
Cost .....	\$									
Average number of employees:										
Pilots and co-pilots .....	No.									
Other flight personnel .....	"									
General management .....	"									
Maintenance labour .....	"									
Aircraft & traffic servicing .....	"									
Other personnel .....	"									
Totals .....	"									
Salaries and wages paid:										
Pilots and co-pilots .....	\$									
Other flight personnel .....	\$									
General management .....	\$									
Maintenance labour .....	\$									
Aircraft & traffic servicing .....	\$									
Other personnel .....	\$									
Totals .....	\$									
						442,161	578,103	23,121,879	179,481,777	

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

September 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
		dollars						
Operating revenues:								
Unit toll transportation:								
Passengers .....	43,572,893	3,092,676	46,665,569	865,556	180,795	1,046,351	47,711,920	367,897,948
Express .....	900,373	53,430	953,803	14,051	1,118	15,169	968,972	6,875,476
Freight .....	3,586,235	390,912	3,977,147	333,286	58,500	391,786	4,368,933	34,860,387
Excess baggage .....	241,817	46,403	288,220	23,908	2,298	26,206	314,426	2,002,003
Mail .....	1,874,820	165,323	2,040,143	131,271	18,688	149,959	2,190,102	18,941,824
Total unit toll transportation ..	50,176,138	3,748,744	53,924,882	1,368,072	261,399	1,629,471	55,554,353	430,577,638
Bulk transportation .....	2,296,373	1,228,972	3,525,345	5,841,288	2,230,601	8,071,889	11,597,234	86,591,912
Total transportation .....	52,472,511	4,977,716	57,450,227	7,209,360	2,492,000	9,701,360	67,151,587	517,169,550
Other flying services .....	9,471	44,651	53,922	528,975	640,013	1,168,988	1,222,910	11,495,324
Total flying services .....	52,481,982	5,022,167	57,504,149	7,738,335	3,132,013	10,870,348	68,374,497	528,664,874
Non-flying services .....	557,815	451,455	1,009,270	234,945	258,653	493,598	1,502,868	11,090,066
Total operating revenues .....	53,039,797	5,473,622	58,513,419	7,973,280	3,390,666	11,363,946	69,877,365	539,754,940
Operating expenses:								
Flying operations .....	11,823,587	2,357,990	14,181,577	3,224,049	1,540,937	4,764,986	18,946,563	143,103,554
Maintenance .....	8,080,147	1,215,515	9,295,662	1,588,845	679,013	2,267,858	11,563,520	90,643,799
General services and administration:								
Passenger service .....	5,550,688	347,566	5,898,254	..	..	..	..	..
Aircraft and traffic servicing ..	7,342,675	869,419	8,212,094	..	..	..	..	..
Promotion and sales .....	8,228,345	232,921	8,461,266	..	..	..	..	..
General administration .....	2,335,411	481,476	2,816,887	..	..	..	..	..
Totals .....	23,457,119	1,931,382	25,388,501	1,130,343	519,272	1,649,615	27,038,116	215,209,418
Depreciation and amortization ..	4,138,795	378,879	4,517,674	545,724	241,843	787,567	5,305,241	44,684,321
Total operating expenses .....	47,499,648	5,883,766	53,383,414	6,488,961	2,981,065	9,470,026	62,853,440	493,641,092
Operating income (loss) .....	5,540,149	410,144	5,130,005	1,484,319	409,601	1,893,920	7,023,925	46,113,848
Non-operating income - Net:								
Capital gains and losses .....	157,410	114,041	271,451	6,955	12	6,943	264,508	2,496,260
Interest and discounts .....	882,520	84,978	967,498	19,681	3,385	23,066	990,564	6,345,520
Miscellaneous non-operating income ..	Dr.	23,231	41,549	Dr.	13,899	597	40,952	Dr.
Income before interest expense .....	6,515,299	187,894	6,327,405	1,483,743	426,897	1,910,640	8,238,045	54,624,718
Interest expense .....	2,510,864	274,250	2,785,114	249,458	115,588	365,046	3,150,160	27,142,638
Income before income taxes .....	4,004,435	462,144	3,542,291	1,234,285	311,309	1,545,594	5,087,885	27,482,080
Provision for income taxes .....	1,600,000	122,000	1,478,000	15,397	16,673	1,276	1,476,724	9,399,642
Net income after income taxes .....	2,404,435	340,144	2,064,291	1,218,888	327,982	1,546,870	3,611,161	18,082,438

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

September 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	33,726,103	9,846,790	508,633	1,495,461	637,665	450,917	46,665,569	360,419,279
Express .....	832,235	68,138	7,537	33,789	-	12,104	953,803	6,778,942
Freight .....	2,814,958	771,277	96,431	156,366	92,504	45,611	3,977,147	32,219,034
Excess baggage .....	153,132	88,685	7,112	22,002	15,068	2,021	288,220	1,864,749
Mail .....	1,295,362	579,458	44,722	78,994	13,456	28,151	2,040,143	17,681,953
Total unit toll transportation ..	38,821,790	11,356,348	664,435	1,786,812	758,693	538,804	53,924,882	418,963,957
Bulk transportation .....	1,485,025	811,348	147,428	931,381	22,534	127,629	3,525,345	28,408,004
Total transportation .....	40,306,815	12,165,696	811,863	2,718,193	781,227	666,433	57,450,227	447,371,961
Other flying services .....	9,471	44,451	856,314	2,718,193	781,227	666,433	57,504,149	728,249
Total flying services .....	40,316,286	12,165,696	856,314	2,718,193	781,227	666,433	57,504,149	448,100,210
Non-flying services .....	361,797	196,018	260,177	-	183,707	7,571	1,009,270	7,774,921
Total operating revenues .....	40,678,083	12,361,714	1,116,491	2,718,193	964,934	674,004	58,513,419	455,875,131
Operating expenses:								
Flying operations .....	8,218,774	3,604,813	442,089	1,322,066	296,527	297,308	14,181,577	111,373,957
Maintenance .....	6,872,277	1,207,870	268,895	544,364	182,729	219,527	9,295,662	70,957,068
General services and administration:								
Passenger service .....	4,105,922	1,444,766	58,320	184,265	41,756	63,225	5,898,254	44,584,796
Aircraft and traffic servicing .....	5,946,845	1,399,830	166,324	432,546	154,327	116,022	8,212,094	65,818,110
Promotion and sales .....	5,863,033	2,365,312	31,177	160,886	16,524	24,334	8,461,266	69,680,501
General administration .....	1,577,600	757,811	45,644	147,336	145,748	142,748	2,816,887	21,506,553
Totals .....	17,493,400	5,963,719	301,665	925,033	358,355	346,329	25,388,501	201,589,960
Depreciation and amortization .....	3,769,883	368,912	56,868	166,049	65,579	90,383	4,517,674	37,954,121
Total operating expenses .....	36,354,334	11,145,314	1,069,517	2,957,512	903,190	953,547	53,383,414	421,875,106
Operating income (loss) .....	4,323,749	1,216,400	46,974	239,319	61,744	279,543	5,130,005	34,000,025
Non-operating income - Net:								
Capital gains and losses .....	157,410	-	20	124,328	Dr.	1,482	271,451	1,694,946
Interest and discounts .....	843,763	38,757	150	34,828	50,000	-	967,498	6,175,247
Miscellaneous non-operating income ..	Dr.	54,081	-	25,660	Dr.	329	41,549	523,367
Income before interest expense .....	5,314,223	1,201,076	47,144	54,503	97,855	278,390	6,327,405	41,346,851
Interest expense .....	2,112,001	398,863	39,946	103,671	82,293	48,340	2,785,114	24,035,835
Income before income taxes .....	3,202,222	802,213	7,198	158,174	15,562	326,730	3,542,291	17,311,016
Provision for income taxes .....	1,600,000	-	-	122,000	-	-	1,478,000	8,431,000
Net income after income taxes .....	1,602,222	802,213	7,198	36,174	15,562	326,730	2,064,291	8,880,016

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

September 1969

	Group I carriers			Group II carriers(1)						Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total		
Revenue transportation services:										
Unit toll:										
Departures(6) .....	No.									
Hours flown .....	"	5,702	32,015	1,398	1,917	1,133	1,401	5,849	37,864	
Miles scheduled .....	"	2,567,857	11,570,661	92,449	471,790	220,484	208,234	992,957	12,563,618	
Miles flown:(1)										
Scheduled - Regular .....	"	2,477,221	11,337,787	87,483	459,906	210,263	202,962	960,614	12,298,401	
Extra sections .....	"	12,124	226,258	11,690	42,569	-	2,851	57,110	283,368	
Non-scheduled .....	"	-	-	194,124	-	-	38,528	232,652	232,652	
Totals .....	"	2,489,345	11,564,045	293,297	502,475	210,263	244,341	1,250,376	12,814,421	
Ratio of regular miles flown to miles scheduled .....		96.5	98.0	94.6	97.5	95.4	97.5	96.7	97.9	
Passengers carried .....	No.	62,386	690,788	13,224	59,111	16,943	14,996	104,274	795,062	
Goods carried:										
Freight .....	lb.	2,428,697	16,446,162	755,986	1,060,125	403,439	350,036	2,569,586	19,015,748	
Express .....	"	179,004	1,959,112	17,025	108,770	-	52,627	178,422	2,137,534	
Excess baggage(2) .....	"	46,827	46,827	20,935	63,143	56,618	-	140,696	187,523	
Mail .....	"	327,299	4,616,871	215,374	300,843	51,118	74,454	641,789	5,258,660	
Totals .....	"	2,981,827	23,068,972	1,009,320	1,532,881	511,175	477,117	3,530,493	26,599,465	
Passenger-miles:(1)										
Scheduled .....	No.	181,510,938	756,778,672	1,935,420	15,977,450	6,144,450	4,697,828	28,755,148	785,533,820	
Non-scheduled .....	"	-	-	3,685,958	-	-	288,258	3,974,216	3,974,216	
Totals .....	"	181,510,938	756,778,672	5,621,378	15,977,450	6,144,450	4,986,086	32,729,364	789,508,036	
Available seat-miles on scheduled services(1) .....	"	360,577,414	1,361,719,469	6,739,122	36,259,341	10,338,621	9,065,645	62,402,729	1,424,122,198	
Passenger load factor on scheduled services(1) .....		50.3	55.6	28.7	44.1	59.4	51.8	46.1	55.2	
Goods ton-miles:(1)										
Freight - Scheduled .....	No.	3,369,380	16,187,602	27,353	335,567	77,743	55,739	496,402	16,684,004	
Non-scheduled .....	"	-	-	172,932	-	-	15,022	187,954	187,954	
Totals .....	"	3,369,380	16,187,602	200,285	335,567	77,743	70,761	684,356	16,871,958	
Express - Scheduled(1) .....	"	83,811	895,739	1,446	28,312	-	8,928	38,686	934,425	
Non-scheduled .....	"	-	-	1,670	-	-	778	2,448	2,448	
Totals .....	"	83,811	895,739	3,116	28,312	-	9,706	41,134	936,873	

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

September 1969

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	83,620	83,620	2,322	12,329	13,789	-	28,440	112,060
Non-scheduled .... " "	..	-	-	3,577	-	-	-	3,577	3,577
Totals .....	..	83,620	83,620	5,899	12,329	13,789	-	32,017	115,637
Mail - Scheduled(1) .....	2,137,646	495,119	2,632,765	24,946	76,072	7,708	7,847	116,573	2,749,338
Non-scheduled .....	2,137,646	495,119	2,632,765	22,029	-	7,708	5,894	27,923	27,923
Totals .....				46,975	76,072		13,741	144,496	2,777,261
Total - Scheduled(1, 2) .....	15,767,796	4,031,930	19,799,726	56,067	452,280	99,240	72,514	680,101	20,479,827
Non-scheduled .....	-	-	-	200,208	-	-	21,694	221,902	221,902
Totals .....	15,767,796	4,031,930	19,799,726	256,275	452,280	99,240	94,208	902,003	20,701,729
Available ton-miles on scheduled services(1) .....	154,329,935	50,081,126	204,411,061	727,414	4,595,131	1,221,737	1,091,866	7,636,148	212,047,209
Weight load factor on scheduled services(1, 3) .....	47.5	44.3	46.7	34.3	44.6	58.4	49.7	46.6	46.7
Bulk:									
Departures .....	283	85	368	1,138	310	63	93	1,604	1,972
Hours flown .....	1,069	405	1,474	1,083	872	117	358	2,430	3,904
Miles flown .....	475,844	188,757	664,601	101,111	338,817	20,936	66,587	527,451	1,192,052
Passengers carried .....	16,398	8,229	24,627	2,006	6,658	782	865	10,311	34,938
Freight carried .....	-	-	-	239,733	2,114,407	-	359,822	2,713,962	2,713,962
Passenger-miles(4) .....	52,128,573	32,786,299	84,914,872	163,960	23,480,052	721,270	1,008,845	25,384,127	110,298,999
Goods ton-miles(4) .....	-	-	-	7,129	802,642	-	183,325	993,096	993,096
Revenue non-transportation services:									
Specialty flying - Hours flown .....	29	-	29	172	-	-	-	172	201
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) .....	27,411	6,107	33,518	2,653	2,789	1,250	1,759	8,451	41,969
Hours flown .....	9,550,544	2,678,102	12,228,646	394,408	841,292	231,199	310,928	1,777,827	14,006,473
Miles flown .....	644,800	70,615	715,415	15,230	65,769	17,725	15,861	114,585	830,000
Passengers carried .....	15,797,573	2,607,701	18,405,274	1,012,744	3,283,302	403,439	762,485	5,461,970	23,867,244
Goods carried(2) .....	20,087,145	2,981,827	23,068,972	1,249,053	3,647,288	511,175	836,939	6,244,455	29,313,427
Passenger-miles(4) .....	627,396,307	214,297,237	841,693,544	5,785,338	39,467,502	6,865,720	5,994,931	58,113,491	899,807,035
Goods ton-miles(2, 4) .....	15,767,796	4,031,930	19,799,726	263,404	1,254,922	99,240	277,533	1,895,099	21,694,825

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

September 1969

	Group I carriers			Group II carriers (1)				Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	
Total - All services - Concluded:								
Traffic, hours and miles - Concluded: (5)								
Non-revenue: (7)								
Hours flown .....	247	228	475	119	125	35	100	854
Passengers carried .....								
Goods carried .....								
Passenger-miles .....								
Goods ton-miles .....								
Fuel and oil consumed:								
Turbo fuel - Quantity .....	27,479,978	9,026,842	36,506,820	464,500	1,335,853	522,494	235,951	2,558,798
Cost .....	4,088,955	1,453,044	5,541,999	98,912	276,936	109,724	55,111	540,683
Gasoline - Quantity .....	-	7,106	7,106	117,881	343,458	25,767	120,170	607,382
Cost .....	-	2,491	2,491	40,131	121,600	8,503	49,190	219,424
Turbo oil - Quantity .....	6,099	874	6,973	75	451	465	7	998
Cost .....	56,679	8,578	65,257	1,125	5,863	1,626	75	8,689
Other oil - Quantity .....	-	30	30	1,812	3,688	247	815	6,562
Cost .....	-	29	29	2,265	4,610	197	977	8,049
Average number of employees:								
Pilots and co-pilots .....	1,124	371	1,495	75	168	65	72	1,875
Other flight personnel .....	1,906	459	2,365	30	164	32	45	2,636
General management .....	103	130	233	20	160	67	20	500
Maintenance labour .....	3,150	762	3,912	230	286	116	122	754
Aircraft and traffic servicing .....	6,131	1,906	8,037	149	251	136	112	648
Other personnel .....	5,028	1,264	6,292	57	121	14	72	264
Total employees .....	17,442	4,892	22,334	561	1,150	430	443	2,584
Salaries and wages:								
Pilots and co-pilots .....	1,863,404	608,820	2,472,224	77,196	216,123	67,267	55,641	2,888,451
Other flight personnel .....	1,143,849	330,787	1,474,636	10,223	60,100	11,811	21,223	1,577,993
General management .....	234,994	138,172	413,166	26,220	92,989	45,910	51,536	629,821
Maintenance labour .....	2,606,746	564,996	3,171,742	128,228	217,402	59,962	70,987	3,648,321
Aircraft and traffic servicing .....	4,206,285	1,079,672	5,285,957	72,768	155,413	87,582	43,024	358,787
Other personnel .....	3,711,244	683,150	4,394,394	24,837	58,341	11,074	27,715	5,644,744
Total salaries and wages .....	13,786,522	3,425,597	17,212,119	339,472	800,368	283,606	270,126	18,905,691

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

September 1969

- 15 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	520,608	79,071	9,999	59,111	16,943	14,671	700,403
Domestic interline .....	11,746	11,746	3,062	-	-	-	135,186
Foreign interline .....	107,794	12,584	-	-	-	-	835,589
Totals(2) .....	628,402	103,401	13,061	59,111	16,943	14,671	
<b>Express carried:</b>							
Originated .....	1,780,108	179,004	17,025	108,770	-	52,627	2,137,534
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,780,108	179,004	17,025	108,770	-	52,627	2,137,534
<b>Freight carried:</b>							
Originated .....	14,017,465	1,855,852	755,986	1,060,125	403,439	271,232	18,364,099
Domestic interline .....	-	25,766	-	-	-	-	25,766
Foreign interline .....	-	89,689	-	-	-	-	89,689
Totals(2) .....	14,017,465	1,971,307	755,986	1,060,125	403,439	271,232	18,479,554
<b>Excess baggage carried:</b>							
Originated .....	..	46,794	20,935	63,143	56,618	-	187,490
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	46,794	20,935	63,143	56,618	-	187,490
<b>Mail carried:</b>							
Originated .....	4,289,572	300,396	215,374	300,843	51,118	39,050	5,196,353
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,289,572	300,396	215,374	300,843	51,118	39,050	5,196,353

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

September 1969

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,689	1,135	756	140	4,720	14,862	19,582
Hours flown .....	4,028	5,783	2,023	748	12,582	19,433	32,015
Miles scheduled .....	1,277,578	2,817,603	874,691	359,826	5,329,698	6,240,963	11,570,661
Miles flown:							
Scheduled - Regular .....	1,258,721	2,735,718	873,308	359,826	5,227,573	6,110,214	11,337,787
Extra sections .....	20,856	32,223	4,443	6,622	64,144	162,114	226,258
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,279,577	2,767,941	877,751	366,448	5,291,717	6,272,328	11,564,045
Ratio of regular miles flown to miles scheduled .....	98.5	97.1	99.8	100.0	98.1	97.9	98.0
Passengers carried .....							
Cargo carried .....	..	..	..	..	218,136	472,652	690,788
Mail carried .....	..	..	..	..	7,279,645	11,172,456	18,452,101
Passenger-miles .....	72,936,347	203,264,858	45,717,484	33,998,939	355,917,628	400,861,044	756,778,672
Available seat-miles on scheduled services	142,015,888	414,602,895	103,889,164	63,490,209	723,998,156	637,721,313	1,361,719,469
Passenger load factor on scheduled services	51.4	49.0	44.0	53.5	49.2	62.9	55.6
Goods ton-miles:							
Express .....	50,299	6,164,677	1,337,260	913,315	50,299	845,440	895,739
Freight .....	1,000,897	24,526	25,167	28,609	9,416,149	6,771,453	16,187,602
Excess baggage .....	65	303,856	177,236	290,844	78,367	5,253	83,620
Mail .....	59,505	6,493,059	1,539,663	1,232,768	831,441	1,801,324	2,632,765
Totals .....	1,110,766	63,846,274	14,307,657	9,352,879	10,376,256	9,423,470	19,799,726
Available ton-miles on scheduled service ....	19,826,463	42.0	42.7	49.5	107,333,273	97,077,788	204,411,061
Weight load factor on scheduled services(1)	42.4	42.0	42.7	49.5	42.8	51.0	46.7
Bulk:							
Departures .....	554	287	54	-	895	..	..
Hours flown .....	1,224	1,646	140	-	3,010	..	..
Miles flown .....	435,823	809,511	58,596	-	1,303,930	..	..
Passengers carried .....	15,938	26,022	2,344	-	44,304	..	..
Goods carried .....	105,846	-	-	-	105,846	..	..
Passenger-miles(2) .....	54,871,073	104,976,302	4,019,933	-	163,867,308	..	..
Goods ton-miles(2) .....	15,942	-	-	-	15,942	..	..
Total:							
Departures .....	3,243	1,422	810	140	5,615	..	..
Hours flown .....	5,252	7,429	2,163	748	15,592	..	..
Miles flown .....	1,715,400	3,577,452	936,347	366,448	6,595,647	..	..
Passengers carried .....	..	..	..	..	262,440	..	..
Goods carried .....	..	..	..	..	8,003,903	..	..
Passenger-miles(2) .....	127,807,420	308,241,160	49,737,417	33,998,939	519,784,936	..	..
Goods ton-miles(2) .....	1,126,708	6,493,059	1,539,663	1,232,768	10,392,198	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

September 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	177,301	169,528	346,829	49,339	68,363	117,702
Bulk ..... "	2,177	2,230	4,407	12,666	18,684	31,350
Totals ..... "	179,478	171,758	351,236	62,005	87,047	149,052
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,722,896	5,255,532	6,978,428	3,129,667	5,124,250	8,253,917
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,722,896	5,255,532	6,978,428	3,129,667	5,124,250	8,253,917
Mail carried (unit toll) ..... "	225,444	804,273	1,029,717	195,114	264,874	459,988
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	10,443	12,962	23,405	237,083	250,853	487,936
Bulk ..... "	-	-	-	14,843	20,914	35,757
Totals ..... "	10,443	12,962	23,405	251,926	271,767	523,693
Freight, express and excess baggage carried:						
Unit toll ..... lb.	550,872	455,283	1,006,155	5,403,435	10,835,065	16,238,500
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	550,872	455,283	1,006,155	5,403,435	10,835,065	16,238,500
Mail carried (unit toll) ..... "	130,391	97,631	228,022	550,949	1,166,778	1,717,727
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	103,651	113,004	216,655	133,432	137,849	271,281
Bulk ..... "	8,828	13,261	22,089	6,015	7,653	13,668
Totals ..... "	112,479	126,265	238,744	139,447	145,502	284,949
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,934,816	5,210,959	7,145,775	3,468,619	5,624,106	9,092,725
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,934,816	5,210,959	7,145,775	3,468,619	5,624,106	9,092,725
Mail carried (unit toll) ..... "	361,092	257,015	618,107	189,857	909,763	1,099,620

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

September 1969

	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
Type of service:	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	8,866	196,053	92,111	1,980,849	160	13,902	2,909	212,634
Recreational flying .....	1,197	32,196	13,856	333,312	26	2,447	757	71,363
Aerial photography and survey(1) ...	1,793	181,952	11,888	1,329,559	177	26,338	1,145	198,476
Aerial photography .....	136	10,340	2,652	98,537	-	-	52	5,623
Aerial inspection, reconnaissance and advertising(2) .....	2,050	211,674	20,808	1,795,331	1,596	260,920	10,451	1,453,749
Aerial application & distribution(3) ..	67	9,543	5,109	977,214	34	4,475	734	164,615
Aerial control .....	640	166,306	4,908	1,438,637	186	18,741	1,230	139,527
Aerial construction .....	-	-	-	-	-	-	25	5,129
Air ambulance and mercy services ...	1	28	45	4,717	2	362	24	2,137
Aircraft rental .....	2,026	33,029	18,235	347,643	-	-	481	32,550
Non-transportation charter .....	352	30,883	1,793	138,041	230	26,134	2,520	296,871
Totals .....	17,128	872,004	171,405	8,443,840	2,411	353,319	20,328	2,582,674

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

September 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 22	...	7	...	29	...
Helicopters - Owned .....	" 240	228	33	35	273	262
Leased .....	" 49	30	1	4	50	34
Totals .....	" 289	258	34	39	323	297
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 15,038	110,249	1,217	10,924	16,255	121,173
Specialty .....	" 1,683	13,581	728	6,747	2,411	20,328
Totals .....	" 16,721	123,830	1,945	17,671	18,666	141,501
Non-revenue hours flown .....	" 475	4,161	47	479	522	4,640
Fuel and oil consumed:						
Gasoline .....	gal. 374,903	2,508,684	32,573	298,706	407,476	2,807,390
Cost .....	\$ 218,199	1,231,224	13,384	131,746	231,583	1,362,970
Oil .....	gal. 3,755	35,677	477	3,614	4,232	39,291
Cost .....	\$ 8,816	75,261	980	7,055	9,796	82,316
Average number of employees:						
Pilots .....	No. 293	262	26	28	319	290
Administrative .....	" 109	127	1	1	110	128
Maintenance labour .....	" 269	258	19	19	288	277
Other personnel .....	" 29	29	-	-	29	29
Totals .....	" 700	676	46	48	746	724
Salaries and wages:						
Pilots .....	\$ 331,883	2,270,675	23,450	224,072	355,333	2,494,747
Administrative .....	\$ 77,760	856,999	600	6,071	78,360	863,070
Maintenance labour .....	\$ 221,343	1,614,401	10,663	105,553	232,006	1,719,954
Other personnel .....	\$ 16,686	132,599	-	1,896	16,686	134,495
Totals .....	\$ 647,672	4,874,674	34,713	337,592	682,385	5,212,266

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
September 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	2,369,674	15,596,153
Total transportation .....	2,369,674	15,596,153
Other flying services .....	250,155	1,804,104
Total flying services .....	2,619,829	17,400,257
Non-flying services .....	32,970	418,957
Total operating revenues .....	2,652,799	17,819,214
Operating expenses:		
Flying operations .....	1,181,805	6,329,964
Maintenance .....	642,499	5,035,795
General service and administration .....	178,598	1,958,392
Depreciation and amortization .....	160,299	1,329,243
Total operating expenses .....	2,163,196	14,653,394
Operating income (deficit) .....	489,598	3,165,820
Non-operating income:		
Capital gains and losses .....	19,175	141,522
Interest and discounts .....	126	14,770
Miscellaneous non-operating income .....	Dr. 841	Dr. 32,494
Income before interest expense .....	508,058	3,289,618
Interest expense .....	38,462	622,225
Income before income taxes .....	469,596	2,667,393
Provision for income taxes .....	68,878	625,127
Net income after income taxes .....	400,718	2,042,266

TABLE 11. Operating Statistics, Canadian Group V Carriers  
September 1969

	Quarter	Year to date
Reporting carriers .....	No. 290	...
Transportation:		
Hours flown .....	" 47,310	96,786
Passengers carried .....	" 90,578	188,690
Goods carried .....	lb. 8,043,097	17,866,088
Specialty flying services:		
Flying training .....	hr. 59,310	160,934
Recreational flying .....	" 10,710	25,493
Aerial photography and survey(1) .....	" 906	2,753
Aerial photography .....	" 72	171
Aerial inspection, reconnaissance and advertising(2) .....	" 7,308	12,314
Aerial application and distribution .....	" 3,931	7,424
Aerial control(3) .....	" 563	1,177
Aerial construction .....	" -	-
Air ambulance and mercy services .....	" 21	23
Aircraft rental .....	" 8,313	23,725
Non-transportation charter .....	" 1,131	1,904
Totals .....	" 92,265	235,918
Total - All services:		
Revenue hours flown .....	No. 139,575	332,704
Non-revenue hours flown .....	" 5,475	13,092

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-Carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
  - Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
  - Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.

CATALOGUE No.

51-001

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51-201	Civil Aviation - Preliminary Annual
51-202	Civil Aviation - Annual

In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

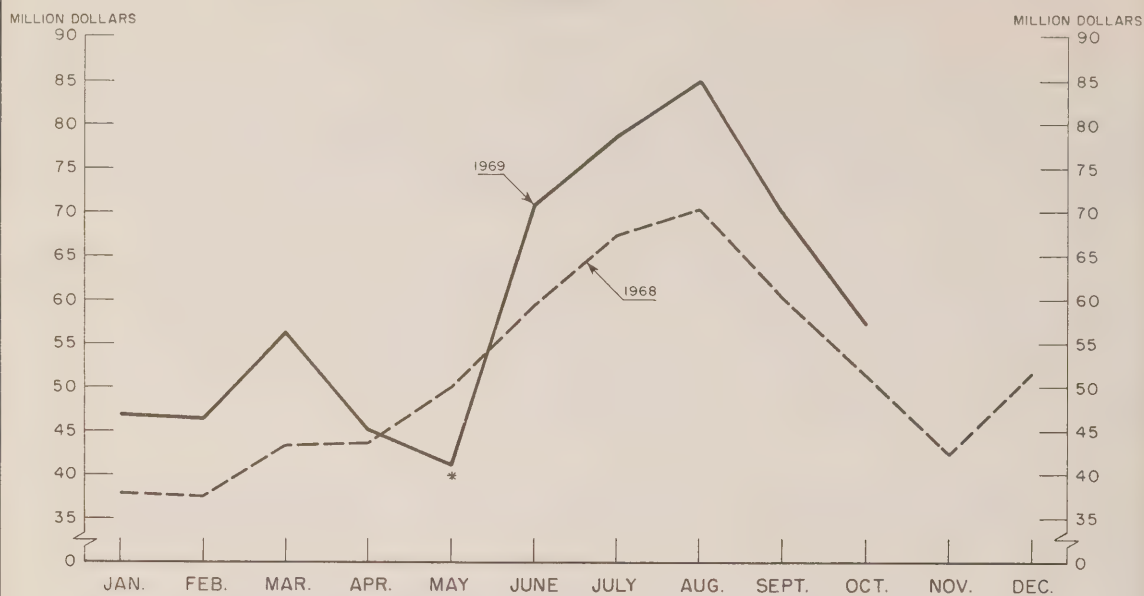
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

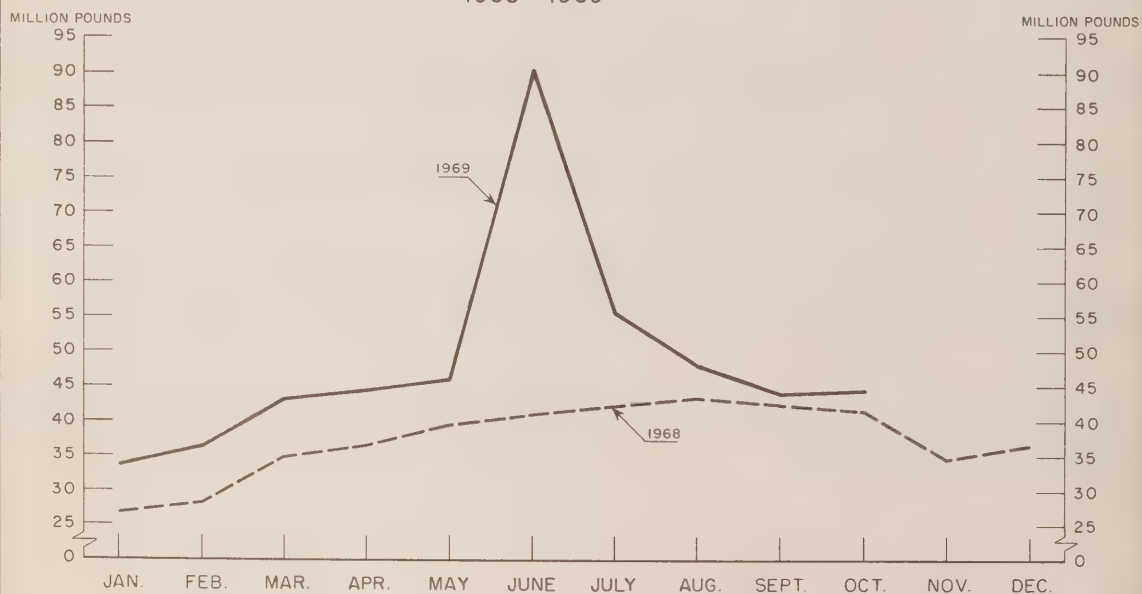
Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL).

## REVIEW OF OCTOBER OPERATIONS

Totals for the month of October show that conditions in the commercial aviation business continued to follow the path taken in September. Operations expanded and traffic and revenues increased in most areas but operating income declined compared to the same month a year earlier. The trans-continental and regional air carriers especially reported decreased operating income (in some cases the change was from an operating income to an operating loss) as a result of having expenses grow in greater proportion than revenues. In contrast to this trend among the larger companies carriers in the third level (Group III) and local service and specialty operators (Group IV) reported some improvement in operating income compared to figures shown for October 1968. The major items of growth were charter transportation of both passengers and goods, helicopter operations and certain types of specialty flying.

Increases in operating expenses caused Air Canada to show a reduction in operating income of over \$1.7 million while the six major carriers as a group reported a drop in operating income from \$2.1 million to an operating loss of \$1.3 million. Flying operations expenses for the six major carriers increased by almost \$2 million while passenger service, aircraft and traffic servicing, and promotion and sales expenses each increased by over \$1 million. These increased expenses more than offset the increase in revenues which rose from \$45 million to \$49 million. Part of the increase in operating expenses was due to the acquisition of larger, faster aircraft. The increase in speed of aircraft used by the major carriers can be seen from the fact that the number of hours flown in unit toll services remained almost the same in October 1969 as it was in October 1968 while the number of miles flown increased by approximately ten per cent to 11.9 million. Further evidence of the increase in speed and capacity of aircraft can be seen in the growth of available seat-miles by almost 175 million while the passenger load factor on scheduled services declined from 52.1 to 48.5. In connection with this problem of additional capacity over routes it is interesting to note that the number of unit toll passenger-miles reported for the TransAtlantic route declined by more than 9 million and the passenger load factor was reduced to 41.9 from 45.5. At the same time as unit toll TransAtlantic traffic showed a decline, charter traffic more than doubled as passenger-miles over the route rose from 31.5 million in 1968 to 64.7 million in 1969.

Goods traffic reported by the six major carriers increased by 20 per cent over the weight carried in October 1968. Notable among the increases were gains of 400,000 lbs. in unit toll freight and more than 2.6 million pounds in charter operations performed by Pacific Western Airlines. This company has been heavily engaged in supplying materials for exploration and development of oil resources in the far north of Canada and in Alaska.

Companies operating helicopters showed an improvement in operating income sufficient to bring the figure out of the red where it had been a year earlier. For the first ten months of 1969 the approximately 23 companies operating helicopters exclusively showed an operating income of \$3.2 million compared to \$2.3 million for the same period a year earlier. In making these gains the companies flew an additional 900 hours during the month and a total of 17,000 hours more during the first ten months of the year. Their financial position was also aided by a reduction of 1,000 in the number of non-revenue hours flown.

Specialty flying services performed by fixed-wing aircraft showed a decline during the month and year-to-date figures indicate a lower level activity for the entire period. Hardest hit among the types of specialty flying have been flying training (which was lower by 1,600 hours for the month and more than 13,000 hours for the ten months) and aircraft rental (which was lower by 450 hours for the month and 1,700 hours for the ten months). Some types of specialty flying with fixed-wing aircraft such as aerial photography and survey and aerial inspection, reconnaissance and advertising showed increases during the month and during the year-to-date. Specialty flying activities by helicopters show a trend opposite to that displayed by fixed-wing aircraft. Flying training increased from 99 hours to 399 hours during the month and revenues for all types of specialty flying increased by over \$130,000. Over the ten month period to the end of October however, helicopter specialty flying activities and revenues show a downward trend similar to that displayed by fixed-wing aircraft.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

October 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	35	77	112	118	11	11	...	140	...
Revenue transportation services:										
Unit toll:										
Departures(9) .....	No.									
Hours flown .....	"	35,760	4,800	1,722	6,522	813	1,792	44,887		437,174
Miles scheduled .....	"	11,849,969	...	...	...	286,238	692,552	12,828,759		120,553,045
Miles flown:(4)										
Scheduled .....	"	11,758,512	741,328	222,265	963,593	275,260	674,788	12,708,560		122,487,079
Non-scheduled .....	"	214,562	741,328	222,265	963,593	-	-	1,178,155		12,302,824
Totals .....	"	11,973,074	741,328	222,265	963,593	275,260	674,788	13,886,715		134,789,903
Passengers carried .....	"	755,427	25,563	6,958	32,521	188,106	42,173	1,018,227		10,122,903
Goods carried:										
Cargo .....	1b.	23,525,147	1,353,936	300,386	1,654,322	3,768,187	6,244,622	35,409,000		303,845,932
Excess baggage(5) .....	"	143,555	63,106	10,061	73,167	901,807	294,506	7,297,641		64,309,200
Mail .....	"	5,643,281	391,991	66,056	458,047	4,669,994	6,539,128	42,706,641		368,155,132
Totals .....	"	29,311,983	1,809,033	376,503	2,185,536	10,593,248	33,977,333	685,557,310		7,508,699,984
Passenger-miles .....	No.	631,899,976	5,909,684	3,177,069	9,086,753					
Goods ton-miles:										
Cargo .....	"	19,643,986	456,783	206,661	663,444	126,412	1,793,408	22,338,866		194,194,305
Excess baggage(5) .....	"	78,949	25,381	7,286	32,667	24,870	116,143	3,315,832		28,852,534
Mail .....	"	3,064,852	92,491	17,476	109,967	151,282	1,909,551	25,654,698		223,046,839
Totals .....	"	22,787,787	574,655	231,423	806,078					
Bulk:										
Departures .....	"	1,394	13,613	17,349	30,962	...	...	...		...
Hours flown .....	"	2,352	18,742	15,772	34,514	3	113	36,982		434,261
Miles flown .....	"	616,836	1,614,040	1,706,946	3,320,986	518	39,226	3,977,566		46,267,619
Passengers carried .....	"	16,341	36,470	32,406	68,876	440	5,089	90,746		1,078,874
Freight carried .....	1b.	3,311,023	7,065,898	3,938,085	11,003,983			14,315,006		217,759,326
Passenger-miles(6) .....	No.	38,731,168	45,030,176	853,357	45,883,533	...	...	...		...
Goods ton-miles(6) .....	"	945,459	1,223,841	84,697	1,308,538	...	...	...		...
Revenue non-transportation services:										
Specialty flying - Hours flown "	"	336	2,720	12,626	15,346			15,682	15,682	206,450

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

October 1969

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Groups I and II(1)	Non-scheduled carriers		United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV				Total		
Total - All services:									
Revenue:									
Traffic, miles and hours:(7)									
Departures(9)	No.								
Hours flown	38,448	26,262	30,120	56,382	94,830	816	1,905	97,551	1,077,885
Miles flown	12,589,910	2,355,368	1,929,211	4,284,579	16,874,489	975,778	714,014	17,864,281	181,057,522
Passengers carried	771,768	62,033	39,364	101,397	873,165	188,566	47,262	1,108,973	11,201,777
Cargo carried	26,836,170	8,419,834	4,238,471	12,658,305	39,711,197(8)	3,768,187	6,244,622	49,724,006	521,605,258
Goods carried(5)	32,623,006	8,874,931	4,314,588	13,189,519	45,812,525	4,669,494	6,539,128	57,021,647	585,914,458
Passenger-miles(6)	670,631,144	50,939,860	4,030,426	54,970,286	725,601,430	..	..	..	..
Goods ton-miles(6)	23,733,246	1,798,496	316,120	2,114,616	25,847,862	..	..	..	..
Non-revenue:(10)									
Hours flown	931	1,475	881	2,356	3,287	9	9	3,305	34,894
Passengers carried									
Goods carried									
Passenger-miles									
Goods ton-miles									
Fuel and oil consumed:									
Turbo fuel - Quantity	gal.								
Cost	\$								
Gasoline - Quantity	gal.								
Cost	\$								
Turbo oil - Quantity	gal.								
Cost	\$								
Other oil - Quantity	gal.								
Cost	\$								
Average number of employees:									
Pilots and co-pilots	No.								
Other flight personnel									
General management									
Maintenance labour									
Aircraft & traffic servicing									
Other personnel									
Totals									
Salaries and wages paid:									
Pilots and co-pilots	\$								
Other flight personnel	\$								
General management	\$								
Maintenance labour	\$								
Aircraft & traffic servicing	\$								
Other personnel	\$								
Totals	\$								

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

October 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
Operating revenues:								
Unit toll transportation:								
Passengers .....	35,778,312	2,789,386	38,567,698	739,780	137,564	877,344	39,445,042	407,342,990
Express .....	929,796	58,097	987,893	13,165	677	13,842	1,001,735	7,877,211
Freight .....	4,069,912	399,166	4,469,078	239,793	51,024	290,817	4,759,895	39,620,282
Excess baggage .....	172,604	33,495	206,099	17,469	2,817	20,286	226,385	2,228,388
Mail .....	1,972,252	180,166	2,152,418	134,419	12,678	147,097	2,299,515	21,241,339
Total unit toll transportation ..	42,922,876	3,460,310	46,383,186	1,144,626	204,760	1,349,386	47,732,572	478,310,210
Bulk transportation:								
Total transportation .....	878,602	827,724	1,706,326	4,112,654	1,606,785	5,719,479	7,425,805	94,017,717
Other flying services .....	43,801,478	4,288,034	48,089,512	5,257,320	1,811,545	7,068,865	55,158,377	572,327,927
Total flying services .....	15,849	54,154	70,003	377,074	472,839	849,913	919,916	12,415,240
Non-flying services .....	43,817,327	4,342,188	48,159,515	5,634,394	2,284,384	7,918,778	56,078,293	584,743,167
Total operating revenues .....	673,998	211,550	885,548	304,031	171,765	475,796	1,361,344	12,451,410
	44,491,325	4,553,738	49,045,063	5,938,425	2,456,149	8,394,574	57,439,637	597,194,577
Operating expenses:								
Flying operations .....	10,980,444	1,989,592	12,970,036	2,525,728	1,170,294	3,696,022	16,666,058	159,769,612
Maintenance .....	7,713,820	1,217,825	8,931,645	1,625,024	618,910	2,243,934	11,175,579	101,819,378
General services and administration:								
Passenger service .....	5,033,400	379,301	5,412,701	...	...	...	...	...
Aircraft and traffic servicing ..	7,033,885	944,532	7,978,417	...	...	...	...	...
Promotion and sales .....	7,598,680	244,012	7,842,692	...	...	...	...	...
General administration .....	2,413,600	347,273	2,760,873	...	...	...	...	...
Totals .....	22,079,565	1,915,118	23,994,683	1,226,240	437,650	1,663,890	25,658,573	240,867,991
Depreciation and amortization ..	4,113,327	369,644	4,482,971	546,085	323,528	869,613	5,352,584	50,036,905
Total operating expenses .....	44,887,156	5,492,179	50,379,335	5,923,077	2,550,382	8,473,459	58,852,794	552,493,886
Operating income (loss) .....	Dr. 395,831	Dr. 938,441	Dr. 1,334,272	15,348	Dr. 94,233	Dr. 78,885	Dr. 1,413,157	44,700,691
Non-operating income - Net:								
Capital gains and losses .....	39,687	93,142	132,829	28,231	308,954	337,185	470,014	2,966,274
Interest and discounts .....	768,175	73,154	841,329	64,915	9,958	74,873	916,202	7,261,722
Miscellaneous non-operating income ..	Dr. 35,605	Dr. 2,628	Dr. 38,233	Dr. 1,696	Dr. 23,230	Dr. 21,534	Dr. 16,699	Dr. 347,609
Income before interest expense .....	376,426	Dr. 774,773	Dr. 398,347	106,798	247,909	354,707	Dr. 43,640	54,581,078
Interest expense .....	2,584,222	295,831	2,880,053	261,199	93,126	354,325	3,234,378	30,377,016
Income before income taxes .....	Dr. 2,207,796	Dr. 1,070,604	Dr. 3,278,400	Dr. 154,401	Dr. 154,783	382	Dr. 3,278,018	24,204,062
Provision for income taxes .....	Cr. 800,000	Cr. 271,500	Cr. 1,071,500	Cr. 23,783	Cr. 22,280	Cr. 1,503	Cr. 1,073,003	8,326,639
Net income after income taxes .....	Dr. 1,407,796	Dr. 799,104	Dr. 2,206,900	Dr. 130,618	Dr. 132,503	Dr. 1,885	Dr. 2,205,015	15,877,423

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

October 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
Operating revenues:								
Unit toll transportation:								
Passengers .....	27,665,818	8,112,494	454,164	1,330,477	570,139	434,606	38,567,698	398,986,977
Express .....	840,862	88,934	7,175	35,336	-	15,586	987,893	7,766,835
Freight .....	3,108,560	961,352	79,746	171,483	100,124	47,813	4,469,078	36,668,112
Excess baggage .....	124,901	47,703	9,414	14,821	7,791	1,469	206,099	2,070,848
Mail .....	1,416,369	555,883	54,018	92,586	10,078	23,484	2,152,418	19,834,371
Total unit toll transportation ..	33,156,510	9,766,366	604,517	1,644,703	688,132	522,958	46,383,186	465,347,143
Bulk transportation .....	661,712	216,890	96,653	598,747	29,562	102,762	1,706,326	30,114,330
Total transportation .....	33,818,222	9,983,256	701,170	2,243,450	717,694	625,720	48,089,512	495,461,473
Other flying services .....	15,849	-	54,154	-	-	-	70,003	798,252
Total flying services .....	33,834,071	9,983,256	755,324	2,243,450	717,694	625,720	48,159,515	496,259,725
Non-flying services .....	512,517	161,481	190,738	16,174	4,638	885,548	8,660,469	8,660,469
Total operating revenues .....	34,346,588	10,144,737	946,062	2,243,450	733,868	630,358	49,045,063	504,920,194
Operating expenses:								
Flying operations .....	7,736,857	3,243,587	407,002	1,073,063	277,579	231,948	12,970,036	124,343,993
Maintenance .....	6,446,581	1,267,239	273,880	547,232	199,939	196,774	8,931,645	79,888,713
General services and administration:								
Passenger service .....	3,809,323	1,224,077	84,461	185,037	47,037	62,766	5,412,701	49,997,497
Aircraft and traffic servicing .....	5,711,076	1,322,809	160,215	444,895	210,335	129,087	7,978,417	73,796,527
Promotion and sales .....	5,426,084	2,172,596	44,671	154,812	18,793	25,736	7,842,692	77,523,193
General administration .....	1,738,621	674,979	56,583	159,686	71,198	59,806	2,760,873	24,267,426
Totals .....	16,685,104	5,394,461	345,930	944,430	347,363	277,395	23,994,683	225,584,643
Depreciation and amortization .....	3,658,916	454,411	51,597	163,393	68,092	86,562	4,482,971	42,437,092
Total operating expenses .....	34,527,458	10,359,698	1,078,409	2,728,118	892,973	792,679	50,379,335	472,254,441
Operating income (loss) .....	Dr. 180,870	Dr. 214,961	Dr. 132,347	Dr. 484,668	Dr. 159,105	Dr. 162,321	Dr. 1,334,272	32,665,753
Non-operating income - Net:								
Capital gains and losses .....	-	39,687	1,125	92,017	-	-	132,829	1,827,775
Interest and discounts .....	734,320	33,855	237	22,917	50,000	-	841,329	7,016,576
Miscellaneous non-operating income ..	20,293	Dr. 55,898	347	Dr. 2,782	Dr. 150	Dr. 43	Dr. 38,233	561,600
Income before interest expense .....	573,743	Dr. 197,317	Dr. 130,638	Dr. 372,516	Dr. 109,255	Dr. 162,364	Dr. 398,347	40,948,504
Interest expense .....	2,185,359	398,863	42,281	111,953	111,368	30,229	2,880,053	26,915,888
Income before income taxes .....	Dr. 1,611,616	Dr. 596,180	Dr. 172,919	Dr. 484,469	Dr. 220,623	Dr. 192,593	Dr. 3,278,400	14,032,616
Provision for income taxes .....	Cr. 800,000	-	-	Cr. 271,500	-	-	Cr. 1,071,500	7,359,500
Net income after income taxes .....	Dr. 811,616	Dr. 596,180	Dr. 172,919	Dr. 212,969	Dr. 220,623	Dr. 192,593	Dr. 2,206,900	6,673,116

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	OP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(b) . . . . .	No.								
Hours flown . . . . .	24,703	5,451	30,154	1,236	1,773	1,167	1,430	5,606	35,760
Miles scheduled . . . . .	8,414,419	2,410,299	10,824,718	92,498	462,903	226,739	243,111	1,075,251	11,849,969
Miles flown:(1)									
Scheduled - Regular . . . . .	8,231,253	2,347,846	10,579,099	88,535	433,519	214,036	218,814	954,904	11,534,003
Extra sections . . . . .	161,545	11,442	172,987	1,423	48,779	-	1,320	51,522	224,509
Non-scheduled . . . . .	8,392,798	2,359,288	10,752,086	184,325	482,298	214,036	30,237	214,562	11,973,074
Totals . . . . .				274,283			250,371	1,220,988	
Ratio of regular miles flown to miles scheduled . . . . .	97.8	97.4	97.7	95.7	93.7	94.4	90.0	93.1	97.3
Passengers carried . . . . .	No.								
Passengers carried . . . . .	565,145	90,077	655,222	11,901	57,642	16,268	14,394	100,205	735,427
Goods carried:									
Freight . . . . .	16,020,158	2,900,273	18,920,431	636,906	1,101,563	430,403	396,674	2,565,546	21,465,977
Express . . . . .	1,690,735	179,928	1,870,663	15,873	106,655	-	45,979	168,507	2,039,170
Excess baggage(2) . . . . .	-	30,671	30,671	26,727	49,490	36,237	-	112,884	143,555
Mail . . . . .	4,547,114	376,600	4,923,714	256,096	338,350	48,865	76,256	719,567	5,643,281
Totals . . . . .	22,258,007	3,487,472	25,745,479	935,602	1,596,488	515,505	518,909	3,566,504	29,311,983
Passenger-miles:(1)									
Scheduled . . . . .	457,842,856	143,493,307	601,336,163	1,682,738	14,883,329	5,878,198	4,732,542	27,176,307	628,514,470
Non-scheduled . . . . .	-	-	-	3,270,079	-	-	117,427	3,387,506	3,387,506
Totals . . . . .	457,842,856	143,493,307	601,336,163	4,952,317	14,883,329	5,878,198	4,849,969	30,563,813	631,899,976
Available seat-miles on scheduled services(1) . . . . .	890,014,371	342,588,371	1,232,602,742	6,669,773	37,825,450	10,119,892	9,729,491	64,344,606	1,296,047,348
Passenger load factor on scheduled services(1) . . . . .	51.4	41.9	48.8	25.2	39.3	58.1	48.6	44.8	48.5
Goods ton-miles:(1)									
Freight - Scheduled . . . . .	14,045,670	4,016,865	18,062,535	23,488	336,859	79,811	65,355	505,513	18,568,048
Non-scheduled . . . . .	-	-	-	138,250	-	-	19,755	138,005	158,005
Totals . . . . .	14,045,670	4,016,865	18,062,535	161,738	336,859	79,811	85,110	663,518	18,726,053
Express - Scheduled(1) . . . . .	800,804	81,518	882,322	1,539	24,607	-	8,644	34,790	917,112
Non-scheduled . . . . .	-	-	-	821	-	-	-	821	821
Totals . . . . .	800,804	81,518	882,322	2,360	24,607	-	8,644	35,611	917,933

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

October 1969

- 13 -

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	51,142	51,142	3,495	11,123	8,662	-	23,280	74,422
Non-scheduled .. " "	..	-	-	4,527	-	-	-	4,527	4,527
Totals .....	..	51,142	51,142	8,022	11,123	8,662	-	27,807	78,949
Mail - Scheduled(1) .....	2,246,592	648,545	2,895,137	36,151	88,569	8,735	7,974	141,429	3,036,566
Non-scheduled .. " "	-	-	-	22,419	-	-	5,867	28,286	28,286
Totals .....	2,246,592	648,545	2,895,137	58,570	88,569	8,735	13,841	169,715	3,064,852
Total - Scheduled(1, 2) .....	17,093,066	4,798,070	21,891,136	64,673	461,158	97,208	81,973	705,012	22,596,148
Non-scheduled .. " "	-	-	-	166,017	-	-	25,622	191,639	191,639
Totals .....	17,093,066	4,798,070	21,891,136	230,690	461,158	97,208	107,595	896,651	22,787,787
Available ton-miles on scheduled services(1) .....	140,887,668	47,580,439	188,468,107	707,006	4,742,924	1,208,580	1,149,500	7,808,010	196,276,117
Weight load factor on scheduled services(1, 3) .....	44.6	40.2	43.5	32.9	41.1	56.7	48.3	43.8	43.5
Bulk:									
Departures .....	227	25	252	729	294	64	55	1,142	1,394
Hours flown .....	614	113	727	714	528	117	266	1,625	2,352
Miles flown .....	256,829	50,512	307,341	69,339	166,863	22,301	50,992	309,495	616,836
Passengers carried .....	9,258	2,293	11,551	1,522	2,049	695	524	4,790	16,341
Freight carried .....	-	-	-	165,167	2,890,866	-	254,990	3,311,023	3,311,023
Passenger-miles(4) .....	23,482,009	9,541,656	33,023,665	169,481	4,044,560	770,968	722,494	5,707,503	38,731,168
Goods ton-miles(4) .....	-	-	-	5,628	790,090	-	149,741	945,459	945,459
Revenue non-transportation services:									
Specialty flying - Hours flown .....	57	-	57	279	-	-	-	279	336
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) .....	25,374	5,564	30,938	2,229	2,301	1,284	1,696	7,510	38,448
Hours flown .....	8,649,627	2,409,800	11,059,427	343,622	649,161	236,337	301,363	1,530,483	12,589,910
Miles flown .....	574,403	92,370	666,773	13,423	59,691	16,963	14,918	104,995	771,768
Passengers carried .....	17,710,893	3,080,201	20,791,094	817,946	4,099,084	430,403	697,643	6,045,076	26,836,170
Cargo carried .....	22,458,007	3,487,472	25,945,479	1,100,769	4,487,354	515,505	773,899	6,877,527	32,623,006
Goods carried(2) .....	418,324,865	153,034,963	634,359,828	5,121,798	18,927,889	6,649,166	5,572,463	36,271,316	670,631,144
Passenger-miles(4) .....	17,093,066	4,798,070	21,891,136	236,318	1,251,248	67,208	257,336	1,842,110	23,733,246
Goods ton-miles(2, 4) .....									

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

October 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown .....	291	242	533	138	188	33	39	398	931
Passengers carried .....									
Goods carried .....									
Passenger-miles .....									
Goods ton-miles .....									
Fuel and oil consumed:									
Turbo fuel - Quantity .....	24,262,370	7,953,300	32,215,670	470,558	996,953	459,071	219,769	2,106,351	34,322,021
Cost .....	3,653,187	1,341,170	4,994,357	89,585	229,361	98,505	50,857	468,308	5,462,665
Gasoline - Quantity .....	-	6,843	6,843	88,141	272,580	9,803	119,583	490,107	496,950
Cost .....	-	3,396	3,396	30,239	98,000	3,235	44,450	175,924	179,320
Turbo oil - Quantity .....	3,531	810	4,341	69	414	556	10	1,049	5,390
Cost .....	33,268	8,144	41,412	1,035	5,382	1,947	60	8,424	49,836
Other oil - Quantity .....	-	18	18	1,351	2,880	980	627	5,836	5,836
Cost .....	-	17	17	1,688	3,600	784	691	6,763	6,780
Average number of employees:									
Pilots and co-pilots .....	1,120	365	1,485	66	228	67	72	433	1,918
Other flight personnel .....	1,679	504	2,183	29	166	32	45	272	2,455
General management .....	105	133	238	20	160	67	20	267	505
Maintenance labour .....	3,169	794	3,963	219	286	118	122	745	4,708
Aircraft and traffic servicing .....	6,110	1,896	8,006	134	252	136	112	634	8,640
Other personnel .....	5,028	1,309	6,337	56	121	14	72	144	6,600
Total employees .....	17,211	5,001	22,212	524	1,213	434	443	2,614	24,826
Salaries and wages:									
Pilots and co-pilots .....	1,929,212	603,170	2,532,382	71,989	294,377	96,536	58,114	521,016	3,053,398
Other flight personnel .....	1,187,131	326,457	1,513,588	14,977	65,725	17,336	24,522	122,560	1,636,148
General management .....	256,211	162,076	418,287	25,758	96,124	68,810	15,895	206,587	674,874
Maintenance labour .....	2,619,457	891,961	3,511,418	126,673	772,910	118,559	78,827	596,969	4,108,387
Aircraft and traffic servicing .....	4,291,954	1,128,408	5,420,362	62,351	171,938	114,590	48,265	397,144	5,817,506
Other personnel .....	3,833,983	716,242	4,550,225	25,015	58,406	16,147	29,177	128,745	4,678,970
Total salaries and wages .....	14,117,948	3,828,314	17,946,262	326,763	959,480	431,978	254,800	1,973,021	19,919,283

(1) Routes included in scheduled or non-scheduled services according to predominant

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

October 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	476,960	68,970	9,236	57,642	16,268	14,021	643,097
Domestic interline .....	88,185	11,141	2,665	-	-	-	111,936
Foreign interline .....	-	9,945	-	-	-	-	-
Totals(2) .....	565,145	90,056	11,901	57,642	16,268	14,021	755,033
<b>Express carried:</b>							
Originated .....	1,690,735	179,928	15,873	106,655	-	45,979	2,039,170
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,690,735	179,928	15,873	106,655	-	45,979	2,039,170
<b>Freight carried:</b>							
Originated .....	16,020,158	2,158,590	636,906	1,101,563	430,403	285,143	20,632,763
Domestic interline .....	-	60,532	-	-	-	-	60,532
Foreign interline .....	-	84,786	-	-	-	-	84,786
Totals(2) .....	16,020,158	2,303,908	636,906	1,101,563	430,403	285,143	20,778,081
<b>Excess baggage carried:</b>							
Originated .....	..	30,651	26,727	49,920	36,237	-	143,535(3)
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	30,651	26,727	49,920	36,237	-	143,535(3)
<b>Mail carried:</b>							
Originated .....	4,547,114	341,430	256,096	338,350	48,865	39,954	5,571,809
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,547,114	341,430	256,096	338,350	48,865	39,954	5,571,809

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

October 1969

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,621	916	719	137	4,393	14,830	19,223
Hours flown .....	3,922	4,383	1,966	772	11,043	19,111	30,154
Miles scheduled .....	1,281,215	2,105,296	851,716	373,782	4,612,009	6,212,709	10,824,718
Miles flown:							
Scheduled - Regular .....	1,249,755	2,036,662	848,588	373,782	4,508,787	6,070,312	10,579,099
Extra sections .....	12,268	34,006	3,453	6,622	56,349	116,638	172,987
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,262,023	2,070,668	852,041	380,404	4,565,136	6,186,950	10,752,086
Ratio of regular miles flown to miles scheduled .....	97.5	96.7	99.6	100.0	97.8	97.7	97.7
Passengers carried .....	..	..	..	..	183,929	471,293	655,222
Cargo carried .....	..	..	..	..	8,912,165	11,909,600	20,821,765
Mail carried .....	..	..	..	..	657,083	4,266,631	4,923,714
Passenger-miles .....	63,151,893	122,392,378	44,504,619	33,860,531	263,909,421	337,426,736	601,336,157
Available seat-miles on scheduled services	140,077,920	291,915,189	104,436,301	68,221,678	604,651,088	627,951,654	1,232,602,742
Passenger load factor on scheduled services	45.1	41.9	42.6	49.6	43.6	53.7	48.8
Goods ton-miles:							
Express .....	51,654	-	-	-	51,654	830,668	882,322
Freight .....	1,148,057	7,062,765	1,462,554	1,285,913	10,959,289	7,103,246	18,062,535
Excess baggage .....	26	16,540	16,004	16,788	49,358	1,784	51,142
Mail .....	63,499	290,723	166,671	429,955	950,848	1,944,289	2,895,137
Totals .....	1,263,236	7,370,028	1,645,229	1,732,656	12,011,149	9,881,987	21,893,136
Available ton-miles on scheduled service .....	19,729,207	47,407,431	14,761,631	10,120,904	92,019,173	96,448,934	188,468,107
Weight load factor on scheduled services(1)	38.4	41.4	41.3	50.6	41.7	45.2	45.2
Bulk:							
Departures .....	376	158	58	-	592	..	..
Hours flown .....	571	948	169	-	1,688	..	..
Miles flown .....	143,424	460,655	74,404	-	678,483	..	..
Passengers carried .....	2,809	17,434	3,622	-	23,865	..	..
Goods carried .....	450	-	-	-	450	..	..
Passenger-miles(2) .....	2,766,760	64,747,712	8,767,683	-	76,282,155	..	..
Goods ton-miles(2) .....	6,392	-	-	-	6,392	..	..
Total:							
Departures .....	2,997	1,074	777	137	4,985	..	..
Hours flown .....	4,493	5,331	2,135	772	12,731	..	..
Miles flown .....	1,405,447	2,531,323	926,445	380,404	5,243,619	..	..
Passengers carried .....	..	..	..	..	207,794	..	..
Goods carried .....	..	..	..	..	8,912,615	..	..
Passenger-miles(2) .....	65,918,653	187,140,090	53,272,302	33,860,531	340,191,576	..	..
Goods ton-miles(2) .....	1,269,628	7,370,028	1,645,229	1,732,656	12,017,541	..	..

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

October 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	163,961	158,269	322,230	28,982	40,268	69,250
Bulk ..... "	532	820	1,352	3,883	8,457	12,340
Totals ..... "	164,493	159,089	323,582	32,865	48,725	81,590
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,886,080	5,147,462	7,033,542	2,854,987	7,632,096	10,487,083
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	1,886,080	5,147,462	7,033,542	2,854,987	7,632,096	10,487,083
Mail carried (unit toll) ..... "	241,005	803,291	1,044,296	307,553	253,718	561,271
All other areas			Totals			
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	11,116	10,453	21,569	204,059	208,990	413,049
Bulk ..... "	1,156	838	1,994	5,571	10,115	15,686
Totals ..... "	12,272	11,291	23,563	209,630	219,105	428,735
Freight, express and excess baggage carried:						
Unit toll ..... lb.	634,977	612,395	1,247,372	5,376,044	13,391,953	18,767,997
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	634,977	612,395	1,247,372	5,376,044	13,391,953	18,767,997
Mail carried (unit toll) ..... "	116,606	131,005	247,611	665,164	1,188,014	1,853,178
Total by Canadian carriers			Total by Foreign carriers			
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	88,388	94,382	182,770	131,009	99,270	230,279
Bulk ..... "	3,856	6,301	10,157	1,715	3,814	5,529
Totals ..... "	92,244	100,683	192,927	132,724	103,084	235,808
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,316,091	6,439,097	8,755,188	3,059,953	6,952,856	10,012,809
Bulk ..... "	-	-	-	-	-	-
Totals ..... "	2,316,091	6,439,097	8,755,188	3,059,953	6,952,856	10,012,809
Mail carried (unit toll) ..... "	357,054	299,811	656,865	308,110	888,203	1,196,313

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

October 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	8,168	176,040	100,279	2,156,889	399	30,344	3,308	242,978
Recreational flying .....	1,234	39,589	15,090	372,901	37	4,026	794	75,389
Aerial photography and survey(1) ...	895	99,197	12,783	1,428,756	162	23,450	1,307	221,926
Aerial photography .....	92	6,397	2,744	104,934	2	158	54	5,781
Aerial inspection, reconnaissance and advertising(2) .....	1,448	167,870	22,256	1,963,201	1,296	278,445	11,747	1,732,194
Aerial application & distribution(3) ..	-	-	5,109	977,214	36	3,252	770	167,867
Aerial control .....	39	203	4,947	1,438,840	-	-	1,230	139,527
Aerial construction .....	-	-	-	-	-	-	25	5,129
Air ambulance and mercy services ...	-	-	45	4,717	-	-	24	2,137
Aircraft rental .....	1,584	28,383	19,819	376,026	-	-	481	32,550
Non-transportation charter .....	124	10,135	1,917	148,176	166	16,256	2,686	313,127
Totals .....	13,584	527,814	184,989	8,971,654	2,098	355,931	22,426	2,938,605

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

October 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 23	...	7	...	30	...
Helicopters - Owned .....	" 237	228	33	34	270	262
Leased .....	" 24	30	1	4	25	34
Totals .....	" 261	258	34	38	295	296
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 9,643	119,892	853	11,777	10,496	131,669
Specialty .....	" 1,493	14,666	605	7,352	2,098	22,018
Totals .....	" 11,136	134,558	1,458	19,129	12,594	153,687
Non-revenue hours flown .....	" 540	4,701	7	486	547	5,187
Fuel and oil consumed:						
Gasoline .....	gal. 245,882	2,754,566	20,889	319,595	266,771	3,074,161
Cost .....	\$ 116,274	1,347,498	9,592	141,338	125,866	1,488,836
Oil .....	gal. 2,751	38,428	385	3,999	3,136	42,427
Cost .....	\$ 6,641	81,902	787	7,842	7,428	89,744
Average number of employees:						
Pilots .....	No. 264	263	27	28	291	291
Administrative .....	" 102	124	1	1	103	125
Maintenance labour .....	" 247	257	19	19	266	276
Other personnel .....	" 25	28	-	-	25	28
Totals .....	" 638	672	47	48	685	720
Salaries and wages:						
Pilots .....	\$ 277,342	2,548,017	20,731	244,803	298,073	2,792,820
Administrative .....	\$ 79,847	936,846	600	6,671	80,447	943,517
Maintenance labour .....	\$ 192,406	1,806,807	10,540	116,093	202,946	1,922,900
Other personnel .....	\$ 14,595	147,194	-	1,896	14,595	149,090
Totals .....	\$ 564,190	5,438,864	31,871	369,463	596,061	5,808,327

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
October 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,405,933	17,002,086
Total transportation .....	1,405,933	17,002,086
Other flying services .....	257,017	2,061,121
Total flying services .....	1,662,950	19,063,207
Non-flying services .....	91,628	510,585
Total operating revenues .....	1,754,578	19,573,792
Operating expenses:		
Flying operations .....	696,667	7,026,631
Maintenance .....	576,969	5,612,764
General service and administration .....	238,750	2,197,142
Depreciation and amortization .....	176,217	1,505,460
Total operating expenses .....	1,688,603	16,341,997
Operating income (deficit) .....	65,975	3,231,795
Non-operating income:		
Capital gains and losses .....	973	142,495
Interest and discounts .....	3,941	18,711
Miscellaneous non-operating income .....	1,578	30,916
		Dr.
Income before interest expense .....	72,467	3,362,085
Interest expense .....	55,747	677,972
Income before income taxes .....	16,720	2,684,113
Provision for income taxes .....	5,930	631,057
Net income after income taxes .....	10,790	2,053,056

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
- Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
- Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.

CATALOGUE No.

51-001

MONTHLY



# CIVIL AVIATION

## NOVEMBER 1969

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

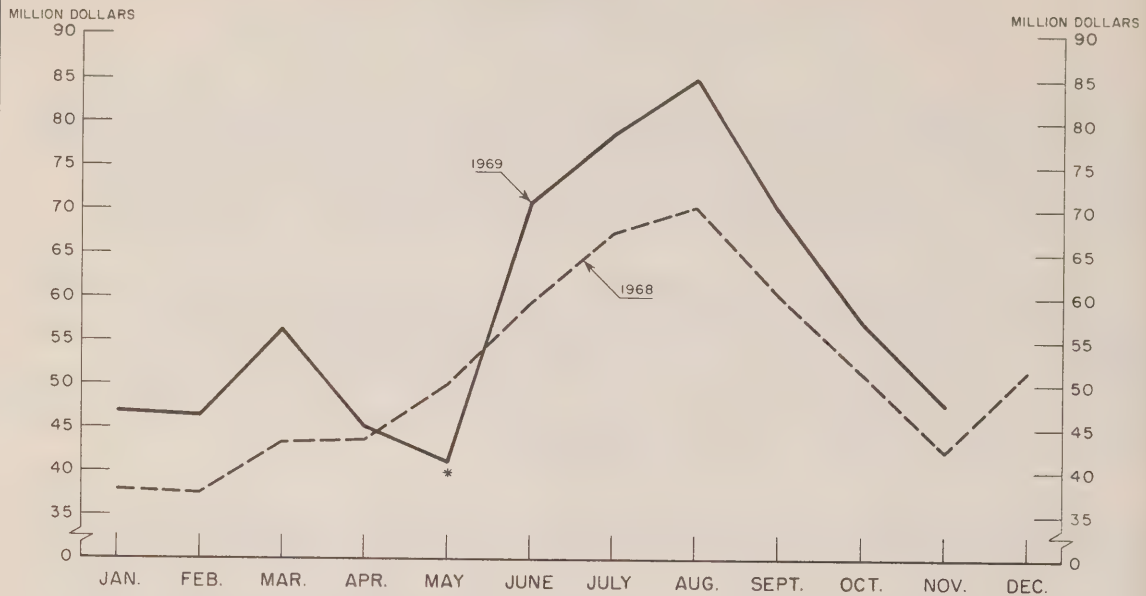
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

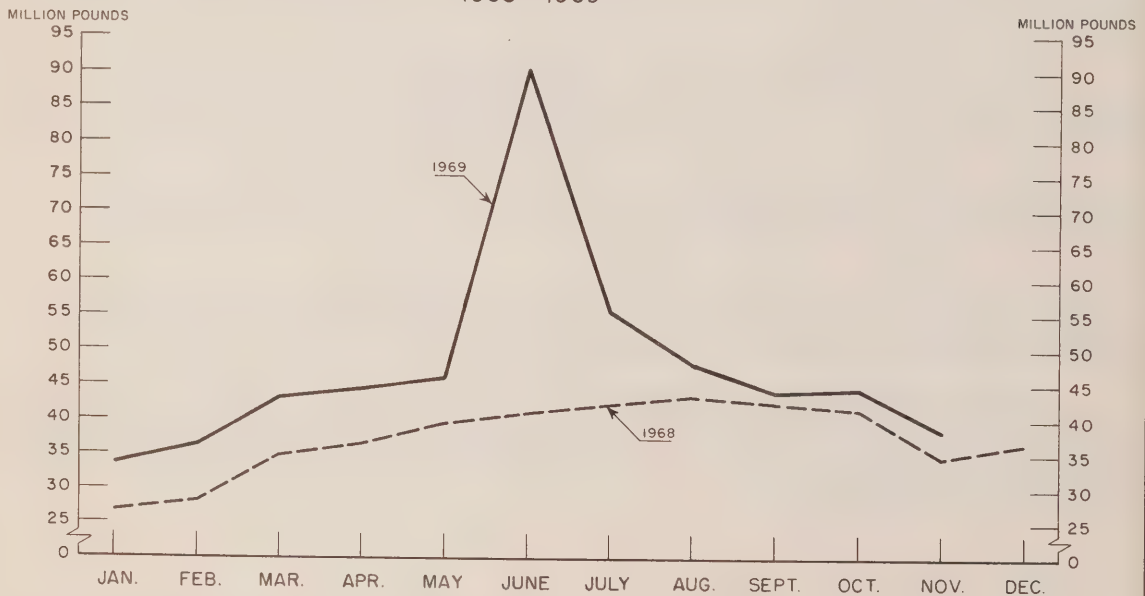
Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL).

## REVIEW OF NOVEMBER OPERATIONS

The six Canadian airlines which provide Class 1 scheduled services reported traffic and financial figures for November which show a continuation of the pattern established in September and October. More passengers and goods were carried and total revenues were higher than in the same period of 1968. However, operating expenses increased by even greater amounts so that operating income declined and year-to-date profit figures were lower. In spite of the overall reduction in operating income for the six carriers there were two carriers, Eastern Provincial Airways and Quebecair, which reported improved financial positions compared to November 1968. Particularly noticeable among the increases in operating expenses was the salaries and wages bill. In November 1968 23,152 employees were paid a total of \$15.9 million while in 1969 24,679 employees were paid a total of \$18.8 million.

Traffic increases reported by some of the regional carriers were impressive in proportionate terms. Eastern Provincial Airways reported a 25 per cent increase in the number of passengers carried as November 1969 figures rose to more than 10,600. Pacific Western Airlines showed a remarkable gain of 67 per cent with a total of more than 52,900 passengers during the month. Transair reported 2,000 more passengers for a gain of approximately 20 per cent. Quebecair was the only company reporting decreased passenger traffic during the month. Gains in goods traffic were shown by Pacific Western Airlines which reported 1.3 million goods ton-miles in November 1969 versus 768 thousand goods ton-miles in 1968. The number of goods ton-miles reported by the two transcontinental carriers increased by about 800,000 goods ton-miles and the combined total of 22.9 million goods ton-miles reported by Air Canada and CP Air accounted for over 90 per cent of the total goods traffic for the six carriers.

International charter traffic carried by Canadian airlines in reporting Groups I-IV increased over November 1968 levels. Passenger charter traffic showed a change in the popularity of certain regions. Transborder and TransAtlantic passenger-mile figures declined while services to Southern areas and to the Pacific and Orient showed substantial increases. Freight charter figures for the month show a startling growth from 734 thousand goods ton-miles in 1968 to 3.4 million goods ton-miles in 1969. Almost all of this gain was in the TransAtlantic area and consisted in part of an airlift of nickel matte from Canada to Norway to meet the needs of European customers who had been cut off from normal supply lines by strikes at Falconbridge nickel mines in Canada.

Specialty flying services operated by smaller local air service companies and flying clubs continued to decline during the month of November. The number of hours flown and the amount of revenue earned in specialty flying services by both fixed-wing aircraft and helicopters were less during the month. Fixed-wing specialty flying hours were down by 20 per cent or 2,500 hours during the month and the decline during the first eleven months was more than 5,500 hours. Helicopter specialty activities were down by 240 hours for the month and by more than 3,100 for the year-to-date. Helicopter specialty flying revenues showed a decline during the eleven months of more than \$500,000.

Foreign air carriers operating scheduled services to and from Canada reported additional traffic during the month compared to the same period in 1968. An additional 17,000 passengers and 3.5 million pounds of goods were shown for unit toll services in November 1969 while charter traffic by these carriers increased by more than 1,500 passengers.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

November 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers				United States carriers	Other Foreign carriers(3)		
	Group I and II(1)	Group III(1)	Group IV	Total	Total					
Number of carriers reporting ...	6	36	76	112		118	11	12	141	...
Revenue transportation services:										
Unit toll:										
Departures(9) .....	No.									
Hours flown .....	31,788	3,315	1,414	4,729		36,517	800	1,640	38,957	477,152
Miles scheduled .....	10,707,455	...	...	...		10,707,455	277,185	621,765	11,606,405	132,152,106
Miles flown:(4)										
Scheduled .....	10,595,253	569,741	192,675	762,416	...	10,595,253	268,897	615,286	11,479,436	133,543,948
Non-scheduled .....	141,501	569,741	192,675	762,416	...	903,917	-	-	903,917	13,326,502
Totals .....	10,736,754					11,499,170	268,897	615,286	12,383,353	146,870,450
Passengers carried .....	655,231	19,815	4,958	24,773		680,004	154,052	31,612	865,668	10,949,619
Goods carried:										
Cargo .....	21,647,071	1,248,577	168,835	1,417,412		23,064,483	3,324,509	7,331,524	33,888,271	321,492,665
Excess baggage(5) .....	121,465	40,411	5,879	46,290		167,755				
Mail .....	5,543,116	375,377	61,855	437,232		5,980,346	862,127	324,532	7,167,005	67,349,221
Totals .....	27,311,650	1,664,365	236,569	1,900,934		29,212,584	4,186,636	7,656,056	41,055,276	388,841,886
Passenger-miles ... ..	No.									
	531,677,569	4,751,657	2,019,096	6,770,753		538,448,322	8,823,365	27,452,509	574,724,196	8,094,074,246
Goods ton-miles:										
Cargo .....	19,800,118	320,338	99,951	420,289		20,220,407	108,887	2,156,073	22,629,865	216,570,239
Excess baggage(5) .....	70,321	6,625	67,552	74,177		144,498				
Mail .....	3,183,884	94,601	77,648	172,249		3,356,133	23,600	128,206	3,507,939	32,354,163
Totals .....	23,054,323	421,564	245,151	666,715		23,721,038	132,487	2,284,279	26,137,804	248,924,402
Bulk:										
Departures .....	1,259	5,184	7,632	12,816		14,075				
Hours flown .....	1,908	10,875	7,033	17,908		19,816				
Miles flown .....	436,095	800,391	804,326	1,604,717		2,040,812	2,224	7,120	19,838	457,398
Passengers carried .....	11,575	17,100	14,037	31,137		42,712	768	1,480	2,050,156	48,655,973
Freight carried .....	4,222,047	3,951,706	1,070,524	5,022,230		9,244,277	-	-	44,960	1,136,427
Passenger-miles(6) .....	No.	18,690,876	603,871	19,631,192		38,322,068			9,244,277	227,200,246
Goods ton-miles(6) .....		1,587,053	837,896	915,602		2,502,655				
Revenue non-transportation services:										
Specialty flying - Hours flown "	282	1,742	9,621	11,363		11,645	-	-	11,645	219,301

see footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

November 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(?)		Grand total all carriers	Year to date
	Non-scheduled carriers				United States carriers		Other Foreign carriers(3)			
	Scheduled carriers	Group III(1)	Group IV	Total						
	Groups I and II(1)									
Total - All services:										
Revenue:										
Traffic, miles and hours:(7)										
Departures(9)										No.
Hours flown	33,978	15,932	18,068	34,000	67,978	807	1,655	70,440	1,153,851	
Miles flown	11,172,849	1,370,132	997,001	2,367,133	13,539,982	271,121	622,406	14,433,509	195,526,423	
Passengers carried	666,806	36,915	18,995	55,910	722,716	154,820	33,092	910,628	12,086,046	
Cargo carried	25,869,118	5,200,283	1,239,359	6,439,642	32,476,515(8)	3,324,509	7,331,524	43,132,548	548,692,911	
Goods carried(5)		5,616,071	1,307,093	6,923,164	38,456,861	4,186,636	7,656,056	50,299,553	616,042,132	
Passenger-miles(6)		23,778,978	2,622,967	26,401,945	576,770,390	..	..	..	..	
Goods ton-miles(6)		1,259,460	322,857	1,582,317	26,223,693	..	..	..	..	
Non-revenue:(10)										
Hours flown	953	915	558	1,473	2,426	2	2	2,430	37,582	
Passengers carried										
Goods carried										
Passenger-miles										
Goods ton-miles										
Fuel and oil consumed:										
Turbo fuel - Quantity	gal.	822,972	74,747	897,719	32,807,352	1,139,526	4,243,320	38,190,198	457,905,888	
Cost	\$	5,061,682	26,721	202,945	5,264,627	206,286	825,984	6,296,897	73,444,735	
Gasoline - Quantity	gal.	176,224	294,710	818,016	1,312,356	-	-	1,312,356	24,527,171	
Cost	\$	204,003	234,504	358,131	562,134	-	-	562,134	10,455,403	
Turbo oil - Quantity	gal.	3,641	41	606	4,247	239	162	4,648	75,850	
Cost	\$	31,304	425	1,325	32,692	1,711	940	35,280	601,926	
Other oil - Quantity	gal.	6,096	4,748	11,277	17,373	1,711	940	17,373	357,865	
Cost	\$	7,049	8,293	23,030	30,079	-	-	30,079	560,880	
Average number of employees:										
Pilots and co-pilots	No.	643	506	1,149	3,043	..	..	..	..	
Other flight personnel	"	2,353	29	197	2,550	..	..	..	..	
General management	"	500	218	388	888	..	..	..	..	
Maintenance labour	"	4,755	717	1,129	5,884	..	..	..	..	
Aircraft & traffic servicing	"	8,621	265	360	8,981	..	..	..	..	
Other personnel	"	6,556	378	638	7,194	..	..	..	..	
Totals	"	24,679	2,389	3,861	28,540	654	865	30,059	29,800	
Salaries and wages paid:										
Pilots and co-pilots	\$	2,993,751	357,782	967,580	3,961,331	..	..	..	..	
Other flight personnel	\$	1,518,684	86,221	100,018	1,618,702	..	..	..	..	
General management	\$	606,543	104,074	305,367	911,910	..	..	..	..	
Maintenance labour	\$	3,492,542	226,636	686,540	4,179,082	..	..	..	..	
Aircraft & traffic servicing	\$	5,670,147	43,401	183,351	5,853,498	..	..	..	..	
Other personnel	\$	4,528,368	128,966	313,529	4,841,897	..	..	..	..	
Totals	\$	18,810,035	874,656	2,556,385	21,366,420	466,227	635,894	22,468,541	234,746,729	

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying services not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

November 1969

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
		dollars						
Operating revenues:								
Unit toll transportation:								
Passengers .....	30,386,480	2,232,530	32,619,010	553,096	96,858	649,954	33,268,964	440,736,564
Express .....	822,504	50,730	873,034	7,596	193	7,789	880,823	8,758,192
Freight .....	3,934,121	348,084	4,282,205	198,080	37,252	235,332	4,517,537	44,172,616
Excess baggage .....	175,471	26,591	202,062	10,076	1,167	11,243	213,305	2,442,510
Mail .....	2,081,855	166,672	2,248,527	129,569	12,040	141,609	2,390,136	23,614,614
Total unit toll transportation ..	37,400,231	2,824,607	40,224,838	898,417	147,510	1,045,927	41,270,765	519,724,496
Bulk transportation .....								
Total transportation .....	479,252	944,796	1,424,048	2,636,200	783,982	3,420,182	4,844,230	99,127,253
Other flying services .....	37,879,483	3,769,403	41,648,886	3,534,617	931,492	4,466,109	46,114,995	618,851,749
Total flying services .....	9,470	56,604	66,074	213,645	314,844	528,489	594,563	13,012,336
Non-flying services .....	37,888,953	3,826,007	41,714,960	3,748,262	1,246,336	4,994,598	46,709,558	631,864,085
Total operating revenues .....	499,033	444,404	943,437	118,185	7,171	111,014	1,054,451	13,505,861
	38,387,986	4,270,411	42,658,397	3,866,447	1,239,165	5,105,612	47,764,009	645,369,946
Operating expenses:								
Flying operations .....	10,289,231	2,082,597	12,371,828	2,430,423	888,287	3,318,710	15,690,538	175,557,616
Maintenance .....	7,139,943	940,578	8,080,521	1,314,383	530,036	1,844,419	9,924,940	111,759,046
General services and administration:								
Passenger service .....	4,456,860	336,386	4,793,246	..	..	..	..	..
Aircraft and traffic servicing .....	7,025,428	836,609	7,862,037	..	..	..	..	..
Promotion and sales .....	7,176,310	230,305	7,406,615	..	..	..	..	..
General administration .....	2,351,825	293,680	2,645,505	..	..	..	..	..
Totals .....	21,010,423	1,696,980	22,707,403	1,216,172	411,152	1,627,324	24,334,727	265,197,831
Depreciation and amortization .....	4,147,953	354,868	4,502,821	549,046	283,441	832,487	5,335,308	55,380,753
Total operating expenses .....	42,587,550	5,075,023	47,662,573	5,510,024	2,112,916	7,622,940	55,285,513	607,895,246
Operating income (loss) .....	Dr. 4,199,564	Dr. 804,612	Dr. 5,004,176	Dr. 1,643,577	Dr. 873,751	Dr. 2,517,328	Dr. 7,521,504	37,474,700
Non-operating income - Net:								
Capital gains and losses .....	1,356	25,664	24,308	Dr. 62,766	Dr. 14,344	Dr. 77,110	Dr. 101,418	2,965,406
Interest and discounts .....	831,917	75,687	907,604	6,338	3,976	10,314	917,918	8,179,640
Miscellaneous non-operating income ..	Dr. 22,661	Dr. 6,333	Dr. 28,994	Dr. 6,520	Dr. 9,452	Dr. 2,932	Dr. 26,062	373,661
Income before interest expense .....	Dr. 3,388,952	Dr. 760,922	Dr. 4,149,874	Dr. 1,706,525	Dr. 874,667	Dr. 2,581,191	Dr. 6,731,066	48,246,085
Interest expense .....	2,545,140	271,930	2,817,070	221,845	104,567	326,412	3,143,482	33,513,061
Income before income taxes .....	Dr. 5,934,092	Dr. 1,032,852	Dr. 6,966,944	Dr. 1,928,370	Dr. 979,234	Dr. 2,907,603	Dr. 9,874,548	14,733,024
Provision for income taxes .....	Cr. 2,950,000	Cr. 263,100	Cr. 3,213,100	Cr. 199,123	Cr. 6,611	Cr. 205,734	Cr. 3,418,834	4,907,805
Net income after income taxes .....	Dr. 2,984,092	Dr. 769,752	Dr. 3,753,844	Dr. 1,729,247	Dr. 972,623	Dr. 2,701,869	Dr. 6,455,714	9,825,219

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

November 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	23,558,730	6,827,750	342,093	1,170,219	370,084	350,134	32,619,010	431,605,987
Express .....	747,073	75,231	6,298	32,227	-	12,205	873,034	8,639,869
Freight .....	3,010,707	923,414	72,073	165,300	68,484	42,227	4,282,205	40,970,317
Excess baggage .....	123,681	51,790	9,461	9,158	5,318	2,654	2,02,062	2,272,910
Mail .....	1,437,381	644,474	51,610	90,444	2,839	21,779	2,248,527	22,082,898
Total unit toll transportation ..	28,877,572	8,522,659	481,535	1,467,348	446,725	428,999	40,224,838	505,571,981
Bulk transportation .....	277,504	201,748	88,591	684,623	77,097	94,485	1,424,048	31,538,378
Total transportation .....	29,155,076	8,724,407	570,126	2,151,971	523,822	523,484	41,648,886	537,110,359
Other flying services .....	9,470	-	56,604	-	-	-	66,074	864,326
Total flying services .....	29,164,546	8,724,407	626,730	2,151,971	523,822	523,484	41,714,960	537,974,685
Non-flying services .....	305,429	193,604	357,748	64,764	64,764	3,892	943,437	9,603,906
Total operating revenues .....	29,469,975	8,918,011	1,002,478	2,151,971	588,586	527,376	42,658,397	547,578,591
Operating expenses:								
Flying operations .....	7,266,077	3,023,154	442,026	1,122,482	290,582	227,507	12,371,828	136,715,821
Maintenance .....	6,139,425	1,000,518	251,754	367,654	139,649	181,521	8,080,521	87,969,234
General services and administration:								
Passenger service .....	3,283,961	1,172,899	39,498	178,006	46,648	72,234	4,793,246	54,790,743
Aircraft and traffic servicing .....	5,681,274	1,344,154	143,151	453,015	135,101	105,342	7,862,037	81,658,564
Promotion and sales .....	5,156,364	2,019,946	43,830	152,013	14,725	19,737	7,406,615	84,929,808
General administration .....	1,674,616	677,209	42,022	164,184	65,460	22,014	2,645,505	26,912,931
Totals .....	15,796,215	5,214,208	268,501	947,218	261,934	219,327	22,707,403	248,292,046
Depreciation and amortization .....	3,686,646	461,307	52,221	169,431	68,091	65,125	4,502,821	46,939,913
Total operating expenses .....	32,888,363	9,699,187	1,014,502	2,608,785	760,256	693,480	47,662,573	519,917,014
Operating income (loss) .....	Dr. 3,418,388	Dr. 781,176	Dr. 12,024	Dr. 458,814	Dr. 171,670	Dr. 166,104	Dr. 5,004,176	27,661,577
Non-operating income - Net:								
Capital gains and losses .....	-	1,356	40,275	28,620	-	Dr. 37,319	Dr. 24,308	1,803,467
Interest and discounts .....	808,128	23,789	131	25,556	50,000	-	907,604	7,926,180
Miscellaneous non-operating income ..	44,561	67,222	-	4,905	1,321	Dr. 107	Dr. 28,994	590,594
Income before interest expense .....	Dr. 2,565,699	Dr. 823,253	Dr. 28,382	Dr. 462,783	Dr. 122,991	Dr. 203,530	Dr. 4,149,874	36,798,630
Interest expense .....	2,117,092	428,048	37,424	110,678	92,229	31,599	2,817,070	29,732,958
Income before income taxes .....	Dr. 4,682,791	Dr. 1,251,301	Dr. 9,042	Dr. 573,461	Dr. 215,220	Dr. 235,129	Dr. 6,966,944	7,065,672
Provision for income taxes .....	Cr. 2,350,000	Cr. 600,000	-	Cr. 263,100	-	-	Cr. 3,213,100	4,146,400
Net income after income taxes .....	Dr. 2,332,791	Dr. 651,301	Dr. 9,042	Dr. 310,361	Dr. 215,220	Dr. 235,129	Dr. 3,753,844	2,919,272

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

November 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....	No.								
Hours flown .....	"	22,039	5,220	27,259	950	1,681	719	1,179	4,529
Miles scheduled .....	"	7,526,304	2,235,539	9,761,843	101,770	463,003	187,266	193,573	945,612
Miles flown:(1)									
Scheduled - Regular .....	"	7,313,725	2,182,678	9,496,403	93,715	403,987	138,251	183,232	819,185
Extra sections .....	"	184,994	45,135	230,129	6,929	41,791	-	816	49,536
Non-scheduled .....	"	-	-	-	122,279	-	-	19,222	141,501
Totals .....	"	7,498,719	2,227,813	9,726,532	222,923	445,778	138,251	203,270	1,010,222
Ratio of regular miles flown to miles scheduled .....		97.2	97.6	97.3	92.1	87.3	73.8	94.7	86.6
Passengers carried .....	No.	496,195	76,280	572,475	9,413	50,984	10,431	11,928	82,756
Goods carried:									
Freight .....	1b.	14,962,027	2,652,941	17,614,968	572,461	1,060,502	285,734	316,042	2,234,739
Express .....	"	1,493,994	157,383	1,651,377	15,490	89,112	-	41,385	145,987
Excess baggage(2) .....	"	-	25,969	25,969	31,584	43,377	20,535	-	95,496
Mail .....	"	4,559,081	360,261	4,919,342	228,569	281,583	43,126	70,494	623,772
Totals .....	"	21,015,102	3,196,554	24,211,656	848,104	1,474,574	349,395	427,921	3,099,994
Passenger-miles:(1)									
Scheduled .....	No.	385,854,208	121,297,968	507,152,176	2,153,983	12,838,933	3,705,906	3,945,289	22,644,111
Non-scheduled .....	"	-	-	-	1,793,374	-	-	87,908	1,881,282
Totals .....	"	385,854,208	121,297,968	507,152,176	3,947,357	12,838,933	3,705,906	4,033,197	24,525,393
Available seat-miles on scheduled services(1) .....	"	776,684,522	320,874,791	1,097,559,313	8,044,855	33,979,463	7,427,672	8,542,249	57,994,239
Passenger load factor on scheduled services(1) .....		49.7	37.8	46.2	26.8	37.8	49.9	46.2	39.0
Goods ton-miles:(1)									
Freight - Scheduled .....	No.	14,693,728	3,674,367	18,368,095	28,122	341,345	58,493	53,287	481,247
Non-scheduled .....	"	-	-	-	119,870	-	-	10,877	130,747
Totals .....	"	14,693,728	3,674,367	18,368,095	147,992	341,345	58,493	64,164	611,994
Express - Scheduled(1) .....	"	711,698	73,700	785,398	1,327	23,838	-	8,137	33,302
Non-scheduled .....	"	-	-	-	1,329	-	-	1,329	1,329
Totals .....	"	711,698	73,700	785,398	2,656	23,838	-	8,137	34,631

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

November 1969

	Group I carriers			Group II carriers(1)					Total	Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair Ltd.	Transair Ltd.	Total		
Revenue transportation services - Concluded:										
Unit toll - Concluded:										
Goods ton-miles(1) - Concluded:										
Excess baggage - Scheduled(2) .... No.	..	49,397	49,397	8,096	8,575	3,786	-	20,457	69,854	
Non-scheduled ... "	..	-	-	467	-	-	-	467	467	
Totals .....	..	49,397	49,397	8,563	8,575	3,786	-	20,924	70,321	
Mail - Scheduled(1) .....	2,434,925	600,537	3,035,462	37,435	75,424	6,461	7,147	126,467	3,161,929	
Non-scheduled .....	-	-	-	15,987	-	-	5,968	21,955	21,955	
Totals .....	2,434,925	600,537	3,035,462	53,422	75,424	6,461	13,115	148,422	3,183,884	
Total - Scheduled(1, 2) .....	17,840,351	4,398,001	22,238,352	74,980	449,182	68,740	68,571	661,473	22,899,825	
Non-scheduled .....	-	-	-	137,953	-	-	16,845	154,498	154,498	
Totals .....	17,840,351	4,398,001	22,238,352	212,933	449,182	68,740	85,416	815,971	23,054,323	
Available ton-miles on scheduled services(1) .....	134,498,912	44,773,424	179,272,336	834,978	4,044,887	889,692	967,663	6,737,220	186,009,556	
Weight load factor on scheduled services(1, 3) .....	42.0	36.9	40.7	34.8	42.8	49.4	47.9	43.4	40.8	
Bulk:										
Departures .....	110	12	122	703	320	63	51	1,137	1,259	
Hours flown .....	265	64	309	697	547	132	223	1,599	1,908	
Miles flown .....	94,678	31,834	126,492	63,818	164,179	36,850	44,756	309,603	436,095	
Passengers carried .....	3,907	2,325	6,432	1,231	1,930	1,191	791	5,143	11,575	
Freight carried .....	360,125	-	360,125	157,368	3,413,936	-	290,618	3,861,922	4,222,047	
Passenger-miles(4) .....	4,634,911	6,376,726	11,011,637	101,004	5,543,232	1,312,509	722,484	7,679,239	18,690,876	
Goods ton-miles(4) .....	615,298	-	615,298	2,741	808,122	-	160,892	971,755	1,587,053	
Revenue non-transportation services:										
Specialty flying - Hours flown .....	35	-	35	247	-	-	-	247	282	
Total - All services:										
Traffic, hours and miles:(5)										
Revenue:										
Departures(6) .....	22,319	5,284	27,603	1,894	2,228	851	1,402	6,375	33,978	
Hours flown .....	7,593,397	2,259,627	9,853,024	286,741	609,957	175,101	248,026	1,319,825	11,172,849	
Miles flown .....	500,102	78,805	578,907	10,644	52,914	11,622	12,719	87,899	666,806	
Passengers carried .....	16,816,146	2,810,324	19,626,470	745,319	4,563,550	285,734	648,045	6,242,648	25,869,118	
Cargo carried .....	21,375,227	3,196,554	24,571,781	1,005,472	4,888,510	349,395	718,539	6,961,916	31,533,697	
Goods carried(2) .....	390,489,119	127,674,694	518,163,813	4,048,361	18,382,165	5,018,415	4,755,691	32,204,632	550,368,445	
Passenger-miles(4) .....	18,455,649	4,398,001	22,853,650	215,374	1,257,304	68,740	246,308	1,787,726	24,641,376	
Goods ton-miles(2, 4) .....										

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

November 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown .....	241	301	542	117	184	31	79	411	953
Passengers carried .....									
Goods carried .....									
Passenger-miles .....									
Goods ton-miles .....									
Fuel and oil consumed:									
Turbo fuel - Quantity .....	22,404,096	7,509,018	29,913,114	378,140	1,042,226	408,781	167,372	1,996,519	31,909,633
Cost .....	3,391,518	1,230,033	4,621,551	80,019	235,822	85,844	38,446	440,131	5,061,682
Gasoline - Quantity .....	-	4,403	4,403	78,326	285,368	9,397	116,846	489,937	494,340
Cost .....	-	1,168	1,168	26,969	122,850	3,101	49,915	202,835	204,003
Turbo oil - Quantity .....	1,980	772	2,752	33	393	457	6	889	3,641
Cost .....	16,464	7,576	24,040	495	5,109	1,600	60	7,264	31,304
Other oil - Quantity .....	-	23	23	1,204	3,010	992	867	6,073	6,096
Cost .....	-	22	22	1,505	3,763	794	965	7,027	7,049
Average number of employees:									
Pilots and co-pilots .....	1,123	393	1,516	66	176	64	72	378	1,894
Other flight personnel .....	1,510	566	2,076	32	168	32	45	277	2,353
General management .....	105	129	234	20	161	65	20	266	500
Maintenance labour .....	3,166	835	4,001	213	306	113	122	754	4,755
Aircraft and traffic servicing .....	6,093	1,909	8,002	129	243	135	112	619	8,621
Other personnel .....	5,038	1,253	6,291	57	123	13	72	265	6,556
Total employees .....	17,035	5,085	22,120	517	1,177	422	443	2,559	24,679
Salaries and wages:									
Pilots and co-pilots .....	1,918,692	595,997	2,514,689	113,763	227,959	64,056	73,284	479,062	2,993,751
Other flight personnel .....	1,030,211	376,584	1,406,795	19,019	59,659	12,473	20,738	111,889	1,518,684
General management .....	258,368	156,857	415,225	26,461	99,898	47,918	17,041	191,318	606,543
Maintenance labour .....	2,296,149	609,266	2,905,415	187,098	238,084	68,440	73,505	587,127	3,492,542
Aircraft and traffic servicing .....	4,217,073	1,085,280	5,302,353	91,461	155,787	73,897	46,649	367,794	5,670,147
Other personnel .....	3,728,011	658,289	4,386,300	38,439	63,656	11,902	30,071	144,068	4,528,368
Total salaries and wages .....	13,446,504	3,482,273	16,928,777	476,241	865,043	278,686	261,288	1,881,258	18,810,035

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

November 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	428,473	59,778	7,493	50,984	10,431	11,670	568,829
Domestic interline .....	67,722	9,298	1,920	-	-	-	86,078
Foreign interline .....	-	7,138	-	-	-	-	-
Totals(2) .....	496,195	76,214	9,413	50,984	10,431	11,670	654,907
<b>Express carried:</b>							
Originated .....	1,493,994	157,383	15,490	89,112	-	41,385	1,797,364
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,493,994	157,383	15,490	89,112	-	41,385	1,797,364
<b>Freight carried:</b>							
Originated .....	14,962,027	1,962,043	572,461	1,060,502	285,734	252,734	19,095,501
Domestic interline .....	-	31,252	-	-	-	-	31,252
Foreign interline .....	-	98,046	-	-	-	-	98,046
Totals(2) .....	14,962,027	2,091,341	572,461	1,060,502	285,734	252,734	19,224,799
<b>Excess baggage carried:</b>							
Originated .....	-	25,892	31,584	43,377	20,535	-	121,388
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	-	25,892	31,584	43,377	20,535	-	121,388
<b>Mail carried:</b>							
Originated .....	4,559,081	327,959	228,569	281,583	43,126	36,981	5,477,299
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	4,559,081	327,959	228,569	281,583	43,126	36,981	5,477,299

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 5. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

November 1969

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,289	842	655	153	3,939	13,661	17,600
Hours flown .....	3,465	3,703	1,876	881	9,925	17,334	27,259
Miles scheduled .....	1,145,520	1,749,073	846,956	390,458	4,132,007	5,629,836	9,761,843
Miles flown:							
Scheduled - Regular .....	1,123,436	1,714,959	846,908	390,458	4,075,761	5,420,642	9,496,403
Extra sections .....	10,553	14,696	2,176	37,079	64,504	165,625	230,129
Non-scheduled .....	-	-	-	-	-	-	-
Totals .....	1,133,989	1,729,655	849,084	427,537	4,140,265	5,586,267	9,726,532
Ratio of regular miles flown to miles scheduled .....	98.1	98.0	100.0	100.0	98.6	96.3	97.3
Passengers carried .....	No.				156,903	415,572	572,475
Cargo carried .....	lb.				8,075,667	11,216,647	19,292,314
Mail carried .....					753,740	4,165,602	4,919,342
Passenger-miles .....	No.				225,475,548	281,676,628	507,152,176
Available seat-miles on scheduled services	"				548,468,649	549,090,664	1,097,559,313
Passenger load factor on scheduled services					41.1	51.3	46.2
Goods ton-miles:							
Express .....	45,218	-	-	-	45,218	740,180	785,398
Freight .....	1,043,517	7,331,981	1,449,180	1,213,460	11,038,138	7,329,957	18,368,095
Excess baggage .....	74	11,933	17,984	17,761	47,752	1,645	49,397
Mail .....	60,464	369,193	239,269	393,399	1,062,305	1,973,157	3,035,462
Totals .....	1,149,273	7,713,107	1,706,413	1,624,620	12,193,413	10,044,939	22,238,352
Available ton-miles on scheduled service ....	17,629,322	41,661,484	18,985,484	11,973,901	90,250,191	89,022,145	179,272,336
Weight load factor on scheduled services(1)	35.0	38.2	41.9	39.3	38.5	42.9	40.7
Bulk:							
Departures .....	285	45	95	12	437	-	-
Hours flown .....	489	221	290	62	1,062	-	-
Miles flown .....	109,402	109,814	125,849	31,636	376,701	-	-
Passengers carried .....	3,295	3,295	5,445	2,294	12,874	-	-
Goods carried .....	78,186	455,126	137,999	-	671,311	-	-
Passenger-miles(2) .....	1,701,710	10,984,489	10,688,564	8,606,746	31,981,509	-	-
Goods ton-miles(2) .....	30,180	3,196,302	182,722	-	3,411,204	-	-
Total:							
Departures .....	2,574	887	750	165	4,376	-	-
Hours flown .....	3,954	3,924	2,166	943	10,987	-	-
Miles flown .....	1,243,391	1,839,469	974,933	459,173	4,516,966	-	-
Passengers carried .....	-	-	-	-	9,500,718	-	-
Goods carried .....	-	-	-	-	169,777	-	-
Passenger-miles(2) .....	51,876,258	93,102,387	73,113,284	39,365,128	257,457,057	-	-
Goods ton-miles(2) .....	1,179,453	10,911,409	1,889,135	1,624,620	15,604,617	-	-

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

November 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	135,605	133,399	269,004	20,736	25,366	46,102
Bulk ..... "	1,014	424	1,438	710	975	1,685
Totals ..... "	136,619	133,823	270,442	21,446	26,341	47,787
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,745,983	5,394,801	7,140,784	2,427,654	7,697,981	10,125,635
Bulk ..... "	-	-	-	72,138	71,800	143,938
Totals ..... "	1,745,983	5,394,801	7,140,784	2,499,792	7,769,781	10,269,573
Mail carried (unit toll) ..... "	253,486	866,793	1,120,279	231,653	256,641	488,294
	All other areas			Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	13,486	13,073	26,559	169,827	171,838	341,665
Bulk ..... "	2,253	1,961	4,214	3,977	3,360	7,337
Totals ..... "	15,739	15,034	30,773	173,804	175,198	349,002
Freight, express and excess baggage carried:						
Unit toll ..... lb.	713,993	613,573	1,327,566	4,887,630	13,706,355	18,593,985
Bulk ..... "	137,999	-	137,999	210,137	71,800	281,937
Totals ..... "	851,992	613,573	1,465,565	5,097,767	13,778,155	18,875,922
Mail carried (unit toll) ..... "	208,162	123,509	331,671	693,301	1,246,943	1,940,244
	Total by Canadian carriers			Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	77,474	78,527	156,001	92,353	93,311	185,664
Bulk ..... "	2,967	2,122	5,089	1,010	1,238	2,248
Totals ..... "	80,441	80,649	161,090	93,363	94,549	187,912
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,220,395	5,717,557	7,937,952	2,667,235	7,988,798	10,656,033
Bulk ..... "	210,137	71,800	281,937	-	-	-
Totals ..... "	2,430,532	5,789,357	8,219,889	2,667,235	7,988,798	10,656,033
Mail carried (unit toll) ..... "	453,294	300,291	753,585	240,007	946,652	1,186,659

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

November 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	6,584	137,744	106,902	2,294,502	166	12,131	3,067	255,109
Recreational flying .....	767	23,055	15,939	397,194	55	5,607	849	80,996
Aerial photography and survey(1) ...	877	100,094	13,682	1,535,429	1	154	1,478	267,036
Aerial photography .....	65	12,849	2,809	117,783	1	30	55	5,811
Aerial inspection, reconnaissance and advertising(2) .....	929	73,545	23,182	2,033,415	1,126	158,097	12,789	1,841,860
Aerial application & distribution(3) ..	-	-	5,128	978,777	6	787	776	168,654
Aerial control .....	2	165	4,967	1,439,005	-	-	1,236	139,774
Aerial construction .....	-	-	-	-	-	-	25	5,129
Air ambulance and mercy services ...	-	-	45	4,717	-	-	24	2,137
Aircraft rental .....	934	18,288	20,702	396,292	-	-	405	27,251
Non-transportation charter .....	53	6,113	1,970	154,289	79	7,875	2,765	321,002
Totals .....	10,211	371,853	195,326	9,351,403	1,434	184,681	23,469	3,114,759

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

November 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 23	...	8	...	31	...
Helicopters - Owned .....	" 218	228	33	35	251	263
Leased .....	" 16	28	1	4	17	32
Totals .....	" 234	256	34	39	268	295
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 6,357	126,268	858	13,301	7,215	139,569
Specialty .....	" 967	15,290	467	8,179	1,434	23,469
Totals .....	" 7,324	141,558	1,325	21,480	8,649	163,038
Non-revenue hours flown .....	" 254	4,925	45	527	299	5,452
Fuel and oil consumed:						
Gasoline .....	gal. 155,578	2,918,021	22,009	350,923	177,587	3,268,944
Cost .....	\$ 76,741	1,428,316	8,912	154,025	85,653	1,582,341
Oil .....	gal. 1,839	40,288	330	4,362	2,169	44,650
Cost .....	\$ 4,106	86,700	661	8,536	4,767	95,236
Average number of employees:						
Pilots .....	No. 255	263	26	28	281	291
Administrative .....	" 124	124	1	1	125	125
Maintenance labour .....	" 235	255	19	20	254	275
Other personnel .....	" 24	28	-	-	24	29
Totals .....	" 638	670	46	50	684	720
Salaries and wages:						
Pilots .....	\$ 249,640	2,800,350	21,148	270,565	270,788	3,070,915
Administrative .....	\$ 82,922	1,023,067	600	7,271	83,522	1,030,338
Maintenance labour .....	\$ 178,169	1,985,111	9,980	128,654	188,149	2,113,765
Other personnel .....	\$ 12,520	160,729	-	1,896	12,520	162,625
Totals .....	\$ 523,251	5,969,257	31,728	408,386	554,979	6,377,643

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
November 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	1,097,214	18,164,522
Total transportation .....	1,097,214	18,164,522
Other flying services .....	136,989	2,190,301
Total flying services .....	1,234,203	20,354,823
Non-flying services .....	16,319	530,617
Total operating revenues .....	1,250,522	20,885,440
Operating expenses:		
Flying operations .....	827,821	7,852,981
Maintenance .....	572,932	6,209,659
General service and administration .....	227,670	2,421,012
Depreciation and amortization .....	129,162	1,635,219
Total operating expenses .....	1,757,585	18,118,871
Operating income (deficit) ..... Dr.	507,063	2,766,569
Non-operating income:		
Capital gains and losses ..... Dr.	111,192	31,303
Interest and discounts .....	129	18,840
Miscellaneous non-operating income .....	819	30,097
Income before interest expense ..... Dr.	617,307	2,786,615
Interest expense .....	38,166	712,482
Income before income taxes ..... Dr.	655,473	2,074,133
Provision for income taxes ..... Cr.	173,935	457,122
Net income after income taxes ..... Dr.	481,538	1,617,011

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-Carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

- Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)
- Scheduled miles: This term relates to the number of miles scheduled as per timetables but not necessarily actually flown on unit toll services.
- Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.
- Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.
- Ton: Short ton of 2,000 lbs.
- Trans-Atlantic and Polar services: Services between Canada and Europe.
- Transborder services: Services between Canada and the United States except Hawaii but including Alaska.
- Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 1 or Class 8; Scheduled service licences:  
Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.
- Class 2 or Class 9-2, Regular specific point licences:  
Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.
- Class 3 or Class 9-3, Irregular specific point licences:  
Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.
- Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.



# CIVIL AVIATION

## DECEMBER 1969

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In addition to the selected publications listed above, the Dominion Bureau of Statistics publishes a wide range of statistical reports on Canadian economic and social affairs. A comprehensive catalogue of all current publications is available free on request from the Dominion Bureau of Statistics, Ottawa 3.

## TABLE OF CONTENTS

	Page
Introduction .....	5
Charts:	
Operating Revenues of Canadian Carriers .....	6
Revenue Goods Carried by Canadian Carriers .....	6
Review and Analysis .....	7
Tables:	
1. Operating Statistics, Canadian and Foreign Carriers - All Services ....	8
2. Statement of Income, Canadian Carriers - All Services, by Revenue Group	10
3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company .....	11
4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company .....	12
5. Interline Traffic, Canadian Scheduled Carriers - All Services, by Company .....	15
6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service .....	16
7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1) .....	17
8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service .....	18
9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV ..	18
10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV .....	19
11. Operating Statistics, Canadian Group V Carriers .....	19
Civil Aviation Definitions .....	20

## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" publications are prepared from monthly, quarterly and annual reports filed with the Air Transport Committee of the Canadian Transport Commission and the Aviation Statistics Centre, Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly reports filed with the Dominion Bureau of Statistics by foreign carriers operating scheduled services into Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. Descriptions of these groups are to be found from page twenty to twenty-two of this publication. In January 1969, 3 former Group III carriers were transferred to Group IV but ten other carriers were raised from Group IV to Group III thus increasing Group III by a net figure of 7 companies. Transfers between Groups IV and V resulted in an enlargement of Group IV by three companies.

It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Committee for purposes of regulation, is included with Group III carriers for statistical purposes. The largest number of carriers (approximately 320) is found in Group V. These are smaller companies which report on a quarterly basis only and whose business is highly seasonal. Statistics concerning their operations are excluded from those of the approximately 120 carriers which report on a monthly basis (Groups I-IV).

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

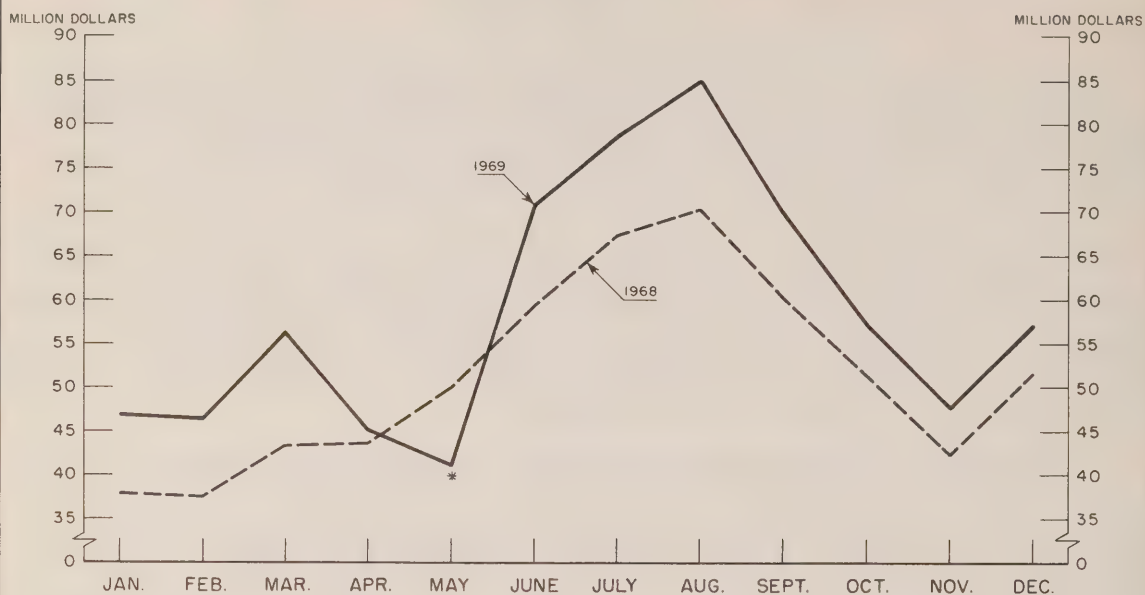
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Operations of those foreign carriers having scheduled services into and out of Canada are shown. Bulk transport data is therefore incomplete, since charter services by foreign carriers not otherwise operating in Canada are excluded.

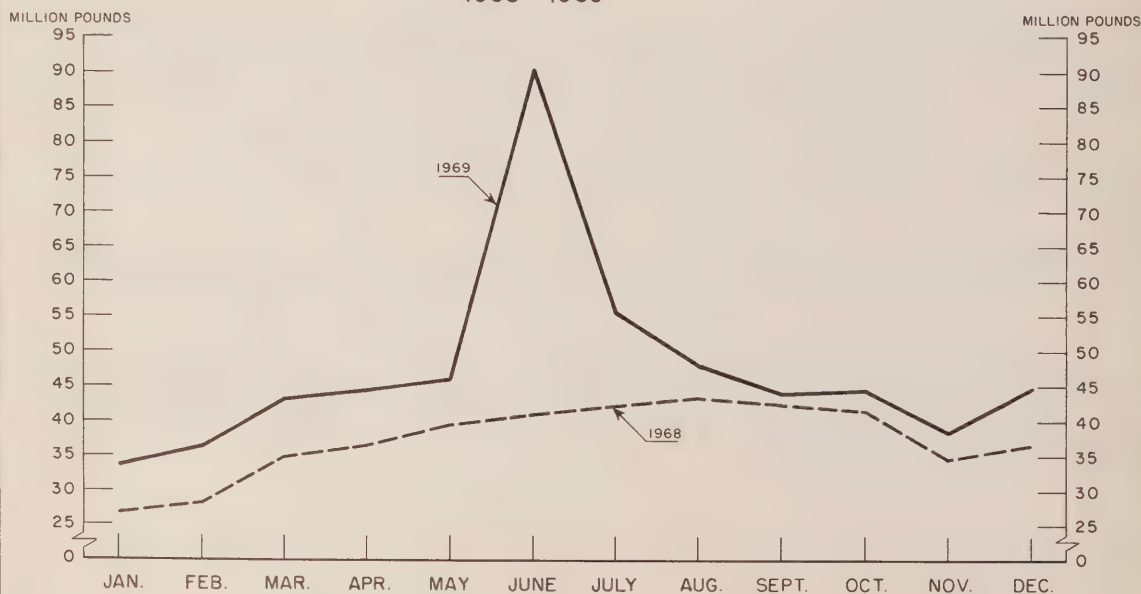
Information published concerning foreign carriers is also different from that shown for Canadian carriers in that hours and mileages reported by foreign carriers cover flying over Canadian territory only. Passengers and goods intransit through Canada have not been counted.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1968-1969



\*AIR CANADA STRIKE APRIL 20<sup>th</sup> TO MAY 20<sup>th</sup>, 1969.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1968-1969



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL).

## REVIEW OF DECEMBER OPERATIONS

The year end financial picture reported by Canadian air carriers showed a decline in income for the month of December 1969 compared to the same period a year earlier. December figures continued in the pattern of the previous three months; traffic and revenues increased overall but substantial increases in operating expenses resulted in a decline in net income. The month of December, with its holiday and vacation traffic for the Christmas and New Year's period, saw an increase in both domestic and international traffic in both passengers and goods. Charter flights for passengers and for goods showed an especially large increase for the month. Charter passenger-miles rose from 32.8 million in December 1968 to 53.2 million in December 1969. Charter ton-miles, largely because of an airlift of semi-processed nickel from Canada to Norway, rose from 1.3 million in December 1968 to 22.3 million in the same month of 1969. Unit toll operations of the 115 companies reporting in Groups I-IV also showed substantial increases. The number of passengers carried grew to 765,000 in December compared to 684,000 a year earlier. The weight of goods carried increased to 33.6 million pounds from 29.9 million pounds. The number of unit toll passenger-miles rose to 672 million from 604 million and unit toll goods ton-miles increased to 25.3 million from 21.7 million in December 1968.

Statements of income filed by Canadian carriers for the month of December do not show the same pattern of increases as did the operating statistics. In contrast to an operating income of \$6.6 million reported by the carriers in Groups I-IV for December 1968, there was an operating loss of \$427,000 reported for December 1969. The largest portion of this decline was accounted for by a decrease in the operating income reported by the two Group I carriers which fell from \$9.2 million to \$2.9 million. This reduction in operating income was caused not by a slackening of activity or revenues but by a sharp increase in operating expenses. The six major carriers (Groups I and II) reported during the month of December an increase in operating expenses of almost \$11 million from \$38.4 million to \$49.4 million. This growth in operating expenses of 28.5 per cent far outpaced the growth in operating revenues of 8.8 per cent from \$47.6 million to \$51.8 million. More than \$3 million of this increase in expenses of the six carriers was due to a rise in the amount paid for salaries and wages which rose from \$16.5 million in December 1968 to \$19.5 million in December 1969.

During the twelve months of 1969 operating statistics and financial statements reflected the somewhat unusual conditions imposed upon the industry by a month-long strike at Air Canada. During this period other airlines were given temporary authority to perform services over Air Canada's routes. Thus, as the traffic and revenues of Air Canada showed a drop during the period of the strike, the reports of other air carriers showed increases. The other major factor influencing the figures reported by Canadian air carriers was a sustained movement of supplies, machinery and personnel into resource development areas. Oil exploration and drilling in the far north as well as the construction of hydro electricity and mineral resource sites elsewhere in Canada led to the use of specialized modern cargo aircraft in large numbers. Overseas travel promotion was increased and international traffic figures especially in charter services showed impressive gains.

During the twelve months of 1969 Canadian carriers in Groups I-IV reported an increase of almost \$89 million in operating revenues as the amount reported in 1969 rose to \$702.6 million from \$614.1 million in 1968. However, during the year operating expenses increased by \$89.9 million so that operating income fell by \$1.3 million from \$38.4 million to \$37.1 million. Increases in non-operating expenses and decreases in non-operating income resulted in a decline in net income after taxes from \$10.6 million in 1968 to \$7.5 million in 1969. This decrease of \$3.1 million in net income for the approximately 120 carriers in Groups I-IV conceals to some extent the decrease in net income reported by the six major carriers. The six major carriers showed a combined drop in net income of \$6.2 million from \$9.5 million in 1968 to \$3.3 million in 1969. Only the smaller but more numerous carriers in Groups III and IV reported an increase in income compared to 1968.

Helicopter operations reported by some thirty companies showed a decline in the number of hours flown from 5,805 in December 1968 to 5,381 in December 1969. This decline was in contrast to an increase during the twelve months of 1969 from 141,000 hours in 1968 to 169,000 hours in 1969. As in the situation described for all Canadian air carriers (both fixed-wing and helicopter operators) there was a decline in the net income figure reported by carriers operating only helicopters. Net income for 1969 was more than \$345,000 lower than in 1968.

Specialty flying services performed by fixed-wing aircraft operated by carriers in Groups I-IV showed a slight increase for the month of December but a decline for the twelve months of 1969 compared to 1968. Fixed-wing flying training experienced a decline of more than 15,000 hours and \$166,000 during the year and aircraft rental associated with flying training also declined. The discontinuation of a government-sponsored program of financial rebate for student pilots was one of the reasons for this decline. Other specialty flying training activities such as aerial photography and survey and aerial reconnaissance and advertising showed increases in activity and revenues.

Foreign air carriers operating scheduled services to and from Canada reported increased traffic during the month of December. United States carriers reported 13,000 more passengers and almost 700,000 more pounds of goods than in December 1968. Other foreign carriers reported an increase of over 12,000 in the number of passengers carried and a gain of almost 3 million pounds in the weight of goods carried. Nearly 2 million pounds of goods were carried on freight charters whereas nothing was reported in this category in December 1968.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

December 1969

	Canadian carriers					Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers Group I and II(1)	Non-scheduled carriers			United States carriers		Other Foreign carriers(3)			
		Group III(1)	Group IV	Total						
Number of carriers reporting ...	6	34	75	109	115	11	12	138	...	
Revenue transportation services:										
Unit toll:										
Departures(9) .....	No.									
Hours flown .....	34,324	4,087	1,780	5,867	40,191	872	1,676	42,739	519,891	
Miles scheduled .....	11,318,364	...	...	...	11,318,364	302,295	619,588	12,240,247	144,392,353	
Miles flown:(4)										
Scheduled .....	11,474,627	...	...	...	11,474,627	287,414	616,505	12,378,546	145,922,494	
Non-scheduled .....	175,150	670,512	251,908	922,420	1,097,570	-	-	1,097,570	14,424,072	
Totals .....	11,649,777	670,512	251,908	922,420	12,572,197	287,414	616,505	13,476,116	160,346,566	
Passengers carried .....	739,760	19,314	5,504	24,818	764,578	179,330	40,596	984,504	11,934,123	
Goods carried:										
Cargo .....	24,441,715	1,165,948	286,790	1,452,738	25,894,453	3,403,140	6,062,030	35,521,077	357,013,742	
Excess baggage(5) .....	113,426	40,100	7,928	48,028	161,454	-	-	9,423,435	76,772,656	
Mail .....	6,889,064	521,309	118,927	640,236	7,529,300	1,329,227	564,908	44,944,512	433,786,398	
Totals .....	31,444,205	1,727,357	413,645	2,141,002	33,585,207	4,732,367	6,626,938	716,209,217	8,810,283,463	
Passenger-miles .....	663,890,467	5,220,732	2,518,086	7,738,818	671,629,285	10,140,400	34,439,532	22,655,868	239,226,107	
Goods ton-miles:										
Cargo .....	19,968,803	646,626	47,979	694,605	20,663,408	116,139	1,748,304	4,808,627	37,162,790	
Excess baggage(5) .....	78,279	48,497	1,241	49,738	128,017	36,965	234,169	27,464,495	276,388,897	
Mail .....	4,123,151	312,620	101,722	414,342	4,537,493	153,104	1,982,473	...	...	
Totals .....	24,170,233	1,007,743	150,942	1,158,685	25,328,918	...	...	...	...	
Bulk:										
Departures .....	928	6,818	8,524	15,342	16,270	...	...	...	...	
Hours flown .....	2,061	9,853	7,172	17,025	19,086	9	54	19,149	476,547	
Miles flown .....	616,816	1,022,284	832,500	1,854,784	2,471,600	4,122	21,082	2,496,804	51,152,777	
Passengers carried .....	11,463	19,776	13,878	33,654	45,117	239	2,501	47,857	1,184,284	
Freight carried .....	5,463,035	4,309,898	1,309,179	5,619,077	11,082,112	-	1,918,434	13,000,546	240,200,792	
Passenger-miles(6) .....	27,049,286	25,653,639	515,089	26,168,728	53,218,014	...	...	...	...	
Goods ton-miles(6) .....	2,888,872	19,349,796	27,523	19,377,319	22,266,191	...	...	...	...	
Revenue non-transportation services:										
Specialty flying - Hours flown "	85	1,551	7,907	9,458	9,543	-	-	9,543	228,844	

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

December 1969

	Canadian carriers				Total Canadian carriers	Foreign carriers(2)		Grand total all carriers	Year to date
	Scheduled carriers		Non-scheduled carriers			United States carriers	Other Foreign carriers(3)		
	Groups I and II(1)	Group III(1)	Group IV	Total					
Total - All services:									
Revenue:									
Traffic, miles and hours:(7)									
Departures(9) .....	No.								
Hours flown .....	36,470	15,491	16,859	32,350	68,820	881	1,730	71,431	1,225,282
Miles flown .....	12,266,593	1,692,796	1,084,408	2,777,204	15,043,797	291,536	637,587	15,972,920	211,499,343
Passengers carried .....	751,223	39,090	19,382	58,472	809,695	179,569	43,097	1,032,361	13,118,407
Cargo carried .....	29,904,750	5,475,846	1,595,969	7,071,815	37,138,019(8)	4,732,367	7,980,464	48,521,623	597,214,534
Goods carried(5) .....	36,907,240	6,037,255	1,722,824	7,760,079	44,667,319	4,732,367	8,545,372	57,945,058	673,987,190
Passenger-miles(6) .....	690,939,753	30,874,371	3,033,175	33,907,546	724,847,299	..	..	..	..
Goods ton-miles(6) .....	27,059,105	20,357,539	178,465	20,536,004	47,595,109	..	..	..	..
Non-revenue:(10)									
Hours flown .....	1,101	956	533	1,489	2,590	5	4	2,599	40,181
Passengers carried .....									
Goods carried .....									
Passenger-miles .....	lb.								
Goods ton-miles .....	No.								
Fuel and oil consumed:									
Turbo fuel - Quantity .....	gal.								
Cost .....	\$								
Gasoline - Quantity .....	gal.								
Cost .....	\$								
Turbo oil - Quantity .....	gal.								
Cost .....	\$								
Other oil - Quantity .....	gal.								
Cost .....	\$								
Average number of employees:									
Pilots and co-pilots .....	No.								
Other flight personnel .....									
General management .....									
Maintenance labour .....									
Aircraft & traffic servicing .....									
Other personnel .....									
Totals .....									
Salaries and wages paid:									
Pilots and co-pilots .....	\$								
Other flight personnel .....	\$								
General management .....	\$								
Maintenance labour .....	\$								
Aircraft & traffic servicing .....	\$								
Other personnel .....	\$								
Totals .....	\$								
			</						

(1) Group II non-scheduled carriers included with Group III for statistical purposes.

(2) See "Foreign Carriers", page 5, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada excess baggage.

(6) Excludes chartered aircraft with maximum weight less than 18,000 lbs.

(7) Specialty flying aircraft not included except for hours flown.

(8) Includes excess baggage.

(9) Information concerning unit toll departures not collected during 1969.

(10) "Non-revenue" data not collected in 1969 except for "hours flown".

Note: Statistics in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

December 1969

- 10 -

	Scheduled carriers			Non-scheduled carriers			Grand total	Year to date
	Group I	Group II(1)	Total	Group III(1)	Group IV	Total		
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	36,788,549	2,503,854	39,292,403	570,550	107,410	677,960	39,970,363	480,703,328
Express .....	769,228	62,602	831,830	8,058	492	8,550	840,380	9,598,812
Freight .....	4,757,480	371,629	5,129,109	207,303	49,651	256,954	5,386,063	49,611,932
Excess baggage .....	166,371	27,410	193,781	13,762	443	13,319	207,100	2,651,763
Mail .....	3,232,607	312,507	3,545,114	169,965	25,947	195,912	3,741,026	27,356,929
Total unit toll transportation ..	45,714,235	3,278,002	48,992,237	969,638	183,057	1,152,695	50,144,932	569,922,764
Bulk transportation .....	480,834	1,236,723	1,717,557	2,249,062	806,156	3,055,218	4,772,775	104,118,476
Total transportation .....	46,195,069	4,514,725	50,709,794	3,218,700	989,213	4,207,913	54,917,707	674,041,240
Other flying services .....	8,522	37,924	46,446	195,575	276,640	472,215	518,661	13,561,330
Total flying services .....	46,203,591	4,552,649	50,756,240	3,414,275	1,265,853	4,680,128	55,436,368	687,602,570
Non-flying services .....	543,814	484,132	1,027,946	375,994	117,915	493,909	1,521,855	15,056,565
Total operating revenues .....	46,747,405	5,036,781	51,784,186	3,790,269	1,383,768	5,174,037	56,958,223	702,659,135
Operating expenses:								
Flying operations .....	11,579,277	2,027,774	13,607,051	2,004,703	684,825	2,689,528	16,296,579	192,055,074
Maintenance .....	7,066,795	1,027,813	8,094,608	1,746,877	719,106	2,465,983	10,560,591	122,505,541
General services and administration:								
Passenger service .....	4,878,404	371,880	5,250,284	..	..	..	..	..
Aircraft and traffic servicing ..	7,341,713	826,343	8,168,056	..	..	..	..	..
Promotion and sales .....	7,397,859	432,433	7,830,292	..	..	..	..	..
General administration .....	2,082,124	337,366	2,419,490	..	..	..	..	..
Totals .....	21,700,100	1,968,022	23,668,122	1,414,855	675,078	2,089,933	25,758,055	290,823,433
Depreciation and amortization .....	3,512,673	510,910	4,023,583	399,232	347,140	746,372	4,769,955	60,170,827
Total operating expenses .....	43,858,845	5,534,519	49,393,364	5,565,667	2,426,149	7,991,816	57,385,180	665,554,875
Operating income (loss) .....	2,888,560	Dr. 497,738	2,390,822	Dr. 1,775,388	Dr. 1,042,367	Dr. 2,817,755	Dr. 426,933	37,104,260
Non-operating income - Net:								
Capital gains and losses .....	1,624,528	36,715	1,661,243	244,893	Dr. 9,442	235,451	1,896,694	4,389,085
Interest and discounts .....	430,576	176,557	607,133	12,650	Dr. 641	12,009	619,142	9,193,452
Miscellaneous non-operating income ..	Dr. 58,382	1,543	Dr. 56,839	Dr. 5,230	Dr. 14,919	9,689	Dr. 47,150	Dr. 423,355
Income before interest expense .....	4,885,282	Dr. 282,923	4,602,359	Dr. 1,523,075	Dr. 1,037,531	Dr. 2,560,606	Dr. 2,041,753	50,263,442
Interest expense .....	2,650,806	349,285	3,000,091	288,519	93,300	381,819	3,381,910	36,836,023
Income before income taxes .....	2,234,476	Dr. 632,208	1,602,268	Dr. 1,811,594	Dr. 1,130,831	Dr. 2,942,425	Dr. 1,340,157	13,427,419
Provision for income taxes .....	1,294,000	Cr. 119,400	1,174,600	Cr. 179,963	Dr. 2,121	Cr. 177,842	996,758	5,924,083
Net income after income taxes .....	940,476	Dr. 512,808	427,668	Dr. 1,631,631	Dr. 1,132,952	Dr. 2,764,583	Dr. 2,336,915	7,503,336

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

December 1969

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	Year to date
dollars								
Operating revenues:								
Unit toll transportation:								
Passengers .....	28,776,775	8,011,774	494,630	1,160,106	480,491	368,627	39,292,403	470,899,571
Express .....	710,658	58,570	7,267	41,022	-	14,313	831,830	9,471,703
Freight .....	3,938,558	818,922	78,566	186,284	64,136	42,643	5,129,109	46,098,249
Excess baggage .....	112,005	54,366	8,416	10,711	7,512	771	193,781	2,466,695
Mail .....	2,226,151	1,006,456	105,207	151,960	27,159	28,181	3,545,114	25,628,015
Total unit toll transportation ..	35,764,147	9,950,088	694,086	1,550,083	579,298	454,535	48,992,237	554,564,233
Bulk transportation .....	386,714	94,120	45,666	998,538	79,915	112,604	1,717,557	33,284,907
Total transportation .....	36,150,861	10,044,208	739,752	2,548,621	659,213	567,139	50,709,794	587,849,140
Other flying services .....	8,522	-	37,924	-	-	-	46,446	910,773
Total flying services .....	36,159,383	10,044,208	777,676	2,548,621	659,213	567,139	50,756,240	588,759,913
Non-flying services .....	369,918	173,896	520,255	-	38,088	1,965	1,027,946	10,631,855
Total operating revenues .....	36,529,301	10,218,104	1,297,931	2,548,621	621,125	569,104	51,784,186	599,391,768
Operating expenses:								
Flying operations .....	8,572,942	3,006,335	366,125	1,074,368	372,610	214,671	13,607,051	150,322,875
Maintenance .....	6,178,050	888,745	226,516	408,612	142,901	249,784	8,094,608	96,222,090
General services and administration:								
Passenger service .....	3,665,433	1,212,971	85,916	207,378	40,763	37,823	5,250,284	60,502,625
Aircraft and traffic servicing .....	5,923,796	1,417,917	189,120	460,168	70,270	106,785	8,168,056	88,574,215
Promotion and sales .....	5,571,231	1,826,628	80,860	180,673	131,770	39,130	7,830,292	93,452,548
General administration .....	1,390,669	691,455	50,564	190,377	41,647	138,072	2,419,490	29,237,213
Totals .....	16,551,129	5,148,971	406,460	1,038,596	201,156	321,810	23,668,122	271,766,601
Depreciation and amortization .....	3,041,828	470,845	124,855	179,645	82,652	123,758	4,023,583	50,963,710
Total operating expenses .....	34,343,949	9,514,896	1,123,956	2,701,221	799,319	910,023	49,393,364	569,275,276
Operating income (loss) .....	2,185,352	703,208	173,975	152,600	178,194	340,919	2,390,822	30,116,492
Non-operating income - Net:								
Capital gains and losses .....	1,771,688	Dr.	5,360	23,503	-	7,852	1,661,243	3,064,711
Interest and discounts .....	403,681	26,895	2,644	38,406	135,507	-	607,133	8,931,445
Miscellaneous non-operating income ..	33,676	Dr.	12,284	Dr.	8,452	148	56,839	647,433
Income before interest expense .....	4,394,397	490,885	194,263	93,128	51,139	332,919	4,602,359	41,465,215
Interest expense .....	2,207,217	443,589	135,931	163,656	18,277	31,421	3,000,091	32,733,051
Income before income taxes .....	2,187,180	47,296	58,332	256,784	69,416	364,340	1,602,268	8,732,164
Provision for income taxes .....	1,095,000	199,000	-	119,400	-	-	1,174,600	5,391,000
Net income after income taxes .....	1,092,180	Dr.	58,332	137,384	69,416	364,340	427,668	3,341,164

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

December 1969

	Group I carriers				Group II carriers(1)				Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services:									
Unit toll:									
Departures(6) .....	No.								
Hours flown .....	23,849	5,439	29,288	1,242	1,666	814	1,314	5,036	34,324
Miles scheduled .....	8,025,684	2,349,708	10,375,392	116,832	439,688	185,572	200,880	942,972	11,318,364
Miles flown:(1)									
Scheduled - Regular .....	7,733,692	2,290,034	10,023,726	102,763	412,769	162,078	198,563	876,173	10,899,899
Extra sections .....	469,914	37,555	507,469	23,433	40,978	-	2,848	67,259	574,728
Non-scheduled .....	-	-	-	149,375	-	-	25,775	175,150	175,150
Totals .....	8,203,606	2,327,589	10,531,195	275,571	453,747	162,078	227,186	1,118,582	11,649,777
Ratio of regular miles flown to miles scheduled .....	96.4	97.5	96.6	88.0	93.9	87.3	98.8	92.9	96.3
Passengers carried .....	553,552	96,408	649,960	12,788	50,678	13,304	13,030	89,800	739,760
Goods carried:									
Freight .....	17,466,547	2,897,154	20,363,701	651,063	934,274	297,048	336,422	2,218,807	22,582,508
Express .....	1,526,635	156,436	1,683,071	21,005	112,738	-	42,393	176,136	1,859,207
Excess baggage(2) .....	-	33,641	33,641	24,712	29,658	25,415	-	79,785	113,426
Mail .....	5,510,910	488,142	5,979,052	393,539	336,082	78,559	101,832	910,012	6,889,064
Totals .....	24,504,092	3,555,373	28,059,465	1,090,319	1,412,752	401,022	480,647	3,384,740	31,444,205
Passenger-miles: (1)									
Scheduled .....	475,633,001	159,276,077	634,909,078	3,262,697	13,523,595	5,302,511	4,381,034	26,469,837	661,378,915
Non-scheduled .....	-	-	-	2,425,050	-	-	86,502	2,511,552	2,511,552
Totals .....	475,633,001	159,276,077	634,909,078	5,687,747	13,523,595	5,302,511	4,467,536	28,981,389	663,890,467
Available seat-miles on scheduled services(1) .....	871,191,048	344,285,586	1,215,476,634	10,112,471	35,499,723	8,583,444	9,523,252	63,718,890	1,279,195,524
Passenger load factor on scheduled services(1) .....	54.6	46.3	52.2	32.3	38.1	61.8	46.0	41.5	51.7
Goods ton-miles: (1)									
Freight - Scheduled .....	14,512,475	4,055,244	18,567,719	32,822	313,317	70,909	58,582	475,630	19,043,349
Non-scheduled .....	-	-	-	124,052	-	-	15,020	139,072	139,072
Totals .....	14,512,475	4,055,244	18,567,719	156,874	313,317	70,909	73,602	614,702	19,182,421
Express - Scheduled(1) .....	676,829	72,685	749,514	2,203	25,531	-	7,940	35,674	785,188
Non-scheduled .....	-	-	-	1,194	-	-	-	1,194	1,194
Totals .....	676,829	72,685	749,514	3,397	25,531	-	7,940	36,868	786,382

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

December 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Revenue transportation services - Concluded:									
Unit toll - Concluded:									
Goods ton-miles(1) - Concluded:									
Excess baggage - Scheduled(2) .... No.	..	59,221	59,221	7,558	6,397	5,037	-	18,992	78,213
Non-scheduled ..	..	-	-	66	-	-	-	66	66
Totals .....	..	59,221	59,221	7,624	6,397	5,037	-	19,058	78,279
Mail - Scheduled(1) .....	3,179,090	726,826	3,905,916	62,874	98,719	9,421	9,217	180,231	4,086,147
Non-scheduled ..	-	-	-	28,133	-	-	8,871	37,004	37,004
Totals .....	3,179,090	726,826	3,905,916	91,007	98,719	9,421	18,088	217,235	4,123,151
Total - Scheduled(1, 2) .....	18,368,394	4,913,976	23,282,370	105,457	443,964	85,367	75,739	710,527	23,992,897
Non-scheduled ..	-	-	-	153,445	-	-	23,891	177,336	177,336
Totals .....	18,368,394	4,913,976	23,282,370	258,902	443,964	85,367	99,630	887,863	24,170,233
Available ton-miles on scheduled services(1) .....	145,607,552	46,985,539	192,593,091	1,058,262	4,542,351	1,033,567	1,106,885	7,741,065	200,334,156
Weight load factor on scheduled services(1, 3) .....	45.3	44.4	45.1	40.8	39.5	59.6	46.4	43.4	45.0
Bulk:									
Departures .....	144	12	156	215	384	84	89	772	928
Hours flown .....	362	67	429	289	825	185	333	1,632	2,061
Miles flown .....	141,489	32,149	173,638	32,099	287,521	61,279	62,279	443,178	616,816
Passengers carried .....	3,543	888	4,431	650	3,865	1,315	1,202	7,032	11,463
Freight carried .....	811,522	-	811,522	118,090	4,149,971	383,452	4,651,513	5,463,035	5,463,035
Passenger-miles(4) .....	4,996,652	3,326,194	8,322,846	104,831	15,484,636	2,303,700	833,273	18,726,440	27,049,286
Goods ton-miles(4) .....	1,434,878	-	1,434,878	14,290	1,237,112	-	202,592	1,453,994	2,888,872
Revenue non-transportation services:									
Specialty flying - Hours flown .....	30	-	30	55	-	-	-	55	85
Total - All services:									
Traffic, hours and miles:(5)									
Revenue:									
Departures(6) .....	24,241	5,506	29,747	1,586	2,491	999	1,647	6,723	36,470
Hours flown .....	8,345,095	2,359,738	10,704,833	307,670	741,268	223,357	289,465	1,561,760	12,266,593
Miles flown .....	557,095	97,296	654,391	13,438	54,543	14,619	14,232	96,832	751,223
Passengers carried .....	19,804,704	3,055,590	22,858,294	790,158	5,196,983	297,048	762,267	7,046,456	29,904,750
Goods carried .....	25,315,614	3,555,373	28,870,987	1,208,409	5,562,723	401,022	864,099	8,036,253	36,907,240
Passenger-miles(2) .....	480,629,653	162,602,271	643,231,924	5,792,578	29,008,231	7,606,211	5,300,809	47,707,829	690,939,753
Goods ton-miles(2, 4) .....	19,803,272	4,913,976	24,717,248	273,192	1,681,076	85,367	302,222	2,341,857	27,059,105

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

December 1969

	Group I carriers			Group II carriers(1)					Grand total
	Air Canada	CP Air	Total	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total	
Total - All services - Concluded:									
Traffic, hours and miles - Concluded:(5)									
Non-revenue:(7)									
Hours flown .....	437	236	673	132	241	18	37	428	1,101
Passengers carried .....									
Goods carried .....									
Passenger-miles .....									
Goods ton-miles .....									
Fuel and oil consumed:									
Turbo fuel - Quantity .....	23,943,620	7,504,831	31,448,451	475,463	1,449,102	557,226	167,276	2,649,067	34,097,518
Cost .....	3,603,529	1,293,274	4,896,803	104,643	297,245	117,017	35,580	554,485	5,451,288
Gasoline - Quantity .....	-	5,204	5,204	77,132	233,636	24,919	152,081	487,768	1,492,972
Cost .....	-	1,780	1,780	26,368	88,363	8,223	49,841	172,995	174,775
Turbo oil - Quantity .....	4,100	791	4,891	46	555	480	3,824	4,905	9,796
Cost .....	38,642	7,766	46,408	684	7,215	1,679	4,254	13,832	60,240
Other oil - Quantity .....	-	21	21	1,186	2,433	388	6	4,213	4,234
Cost .....	-	20	20	1,482	3,041	470	60	5,053	5,073
Average number of employees:									
Pilots and co-pilots .....	1,117	364	1,481	69	184	51	72	376	1,857
Other flight personnel .....	1,612	555	2,167	32	166	29	45	272	2,439
General management .....	107	129	236	20	162	48	20	250	486
Maintenance labour .....	3,170	814	3,984	192	309	112	122	735	4,719
Aircraft and traffic servicing .....	6,076	1,937	8,013	136	238	136	112	622	8,635
Other personnel .....	5,056	1,213	6,269	58	124	12	72	266	6,535
Total employees .....	17,138	5,012	22,150	507	1,183	388	443	2,521	24,671
Salaries and wages:									
Pilots and co-pilots .....	1,913,582	611,163	2,524,745	89,868	224,596	57,722	74,188	446,374	2,971,119
Other flight personnel .....	1,007,672	461,242	1,468,914	13,612	62,175	11,337	31,663	118,787	1,587,701
General management .....	261,360	161,640	423,000	25,912	98,334	30,758	26,687	181,691	604,691
Maintenance labour .....	2,617,139	601,596	3,218,735	120,269	276,435	68,413	95,206	560,323	3,779,058
Aircraft and traffic servicing .....	4,453,362	1,094,243	5,547,605	66,566	162,771	75,295	51,371	356,003	5,903,608
Other personnel .....	3,884,388	663,575	4,547,963	27,167	60,185	11,150	30,045	128,547	4,676,510
Total salaries and wages .....	14,137,503	3,593,459	17,730,962	343,394	884,496	254,675	309,160	1,791,725	19,522,687

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada excess baggage.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

(6) Departures available for bulk transport flights only.

(7) "Non-revenue" data not collected in 1969 except for "hours flown".

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

December 1969

- 15 -

	Air Canada	CP Air	Eastern Provincial Airways (1963) Ltd.	Pacific Western Airlines Ltd.	Quebecair	Transair Ltd.	Total
<b>Passengers carried:</b>							
Originated .....	477,839	79,107	9,258	50,678	13,304	12,715	642,901
Domestic interline .....	75,713	9,325	3,570	-	-	-	96,546
Foreign interline .....		7,938	-	-	-	-	
Totals(2) .....	553,552	96,370	12,828	50,678	13,304	12,715	739,447
<b>Express carried:</b>							
Originated .....	1,526,635	156,436	21,005	112,738	-	42,393	1,859,207
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	1,526,635	156,436	21,005	112,738	-	42,393	1,859,207
<b>Freight carried:</b>							
Originated .....	17,466,547	1,923,767	651,063	934,274	297,048	261,306	21,534,005
Domestic interline .....	-	47,101	-	-	-	-	47,101
Foreign interline .....	-	426,911	-	-	-	-	426,911
Totals(2) .....	17,466,547	2,397,779	651,063	934,274	297,048	261,306	22,008,017
<b>Excess baggage carried:</b>							
Originated .....	..	33,641	24,712	29,658	25,415	-	113,426
Domestic interline .....	..	-	-	-	-	-	-
Foreign interline .....	..	-	-	-	-	-	-
Totals(2) .....	..	33,641	24,712	29,658	25,415	-	113,426
<b>Mail carried:</b>							
Originated .....	5,510,910	435,689	393,539	336,082	78,559	47,183	6,801,962
Domestic interline .....	-	-	-	-	-	-	-
Foreign interline .....	-	-	-	-	-	-	-
Totals(2) .....	5,510,910	435,689	393,539	336,082	78,559	47,183	6,801,962

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Committee.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

December 1969

Unit toll:	Trans- Border Services	Trans- Atlantic and Polar Services	Southern Services	Pacific and Orient Services	Total International Services	Domestic Services	Grand total
Departures .....	2,274	848	994	161	4,277	14,362	18,639
Hours flown .....	3,376	3,810	2,860	957	11,003	18,285	29,288
Miles scheduled .....	1,148,490	1,803,934	1,250,845	475,628	4,678,897	5,696,495	10,375,392
Miles flown:							
Scheduled - Regular .....	1,102,031	1,735,977	1,236,371	461,737	4,536,116	5,487,610	10,023,726
Extra sections .....	17,220	31,414	55,601	5,510	109,745	397,724	507,469
Non-scheduled .....	1,119,251	1,767,391	1,291,972	467,247	4,645,861	5,885,334	10,531,195
Totals .....							
Ratio of regular miles flown to miles scheduled .....	96.0	96.2	98.8	97.1	96.9	96.3	96.6
Passengers carried .....	No.						
Cargo carried .....	No.						
Mail carried .....	lb.						
Passenger-miles .....	No.	58,456,236	113,330,885	97,336,398	37,324,782	328,460,777	634,909,078
Available seat-miles on scheduled services	"	124,028,057	228,602,845	192,089,865	96,259,369	574,496,498	1,215,476,634
Passenger load factor on scheduled services		47.1	49.6	50.7	38.8	57.2	52.2
Goods ton-miles:							
Express .....	40,941						
Freight .....	1,015,958	7,362,422	1,929,626	1,018,660	40,941	708,573	749,514
Excess baggage .....	16	17,952	21,579	16,977	56,524	7,241,053	18,567,719
Mail .....	79,501	759,302	236,149	422,617	1,497,569	2,697	59,221
Totals .....	1,136,416	8,139,676	2,187,354	1,458,254	12,921,700	2,408,347	3,905,916
Available ton-miles on scheduled service ....	17,314,061	42,177,958	28,476,748	13,259,308	101,228,075	91,365,016	192,593,091
Weight load factor on scheduled services(1)	40.3	46.2	41.9	39.1	43.0	47.3	45.1
Bulk:							
Departures .....	328	118	71	14	531		
Hours flown .....	493	576	206	93	1,368		
Miles flown .....	143,535	288,943	89,892	45,453	567,823		
Passengers carried .....	3,381	6,472	3,009	999	13,861		
Goods carried .....	35,240	1,257,815	121,467	-	1,414,522		
Passenger-miles(2) .....	No.	25,983,911	9,987,599	4,675,185	45,495,820		
Goods ton-miles(2) .....	No.	19,326,772	158,249	-	19,546,630		
Total:							
Departures .....	2,602	966	1,065	175	4,808		
Hours flown .....	3,869	4,386	3,066	1,050	12,371		
Miles flown .....	1,262,786	2,036,334	1,381,864	512,700	5,213,684		
Passengers carried .....					213,757		
Goods carried .....					11,479,685		
Passenger-miles(2) .....	No.	139,314,796	107,323,997	41,999,967	351,944,121		
Goods ton-miles(2) .....	No.	1,198,025	2,345,603	1,458,254	32,468,130		

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

December 1969

	United States			Europe		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	172,887	145,312	318,199	36,542	26,365	62,907
Bulk ..... "	1,596	1,330	2,926	2,474	361	2,835
Totals ..... "	174,483	146,642	321,125	39,016	26,726	65,742
Freight, express and excess baggage carried:						
Unit toll ..... lb.	1,774,824	5,934,947	7,709,771	2,232,474	7,279,306	9,511,780
Bulk ..... "	99,180	-	99,180	2,316,209	260,040	2,576,249
Totals ..... "	1,874,004	5,934,947	7,808,951	4,548,683	7,539,346	12,088,029
Mail carried (unit toll) ..... "	317,792	1,335,327	1,653,119	467,634	469,115	936,749
All other areas				Totals		
	Leaving Canada for	Entering Canada from	Total	Leaving Canada for	Entering Canada from	Total
Passengers carried:						
Unit toll ..... No.	23,702	13,750	37,452	233,131	185,427	418,558
Bulk ..... "	695	338	1,033	4,765	2,029	6,794
Totals ..... "	24,397	14,088	38,485	237,896	187,456	425,352
Freight, express and excess baggage carried:						
Unit toll ..... lb.	729,194	411,364	1,140,558	4,736,492	13,625,617	18,362,109
Bulk ..... "	121,467	-	121,467	2,536,856	260,040	2,796,896
Totals ..... "	850,661	411,364	1,262,025	7,273,348	13,885,657	21,159,005
Mail carried (unit toll) ..... "	178,700	165,730	344,430	964,126	1,970,172	2,934,298
Total by Canadian carriers				Total by Foreign carriers		
	Leaving Canada	Entering Canada	Total	Leaving Canada	Entering Canada	Total
Passengers carried:						
Unit toll ..... No.	113,515	85,116	198,631	119,616	100,311	219,927
Bulk ..... "	2,574	1,480	4,054	2,191	549	2,740
Totals ..... "	116,089	86,596	202,685	121,807	100,860	222,667
Freight, express and excess baggage carried:						
Unit toll ..... lb.	2,594,694	6,302,245	8,896,939	2,141,798	7,323,372	9,465,170
Bulk ..... "	660,022	218,440	878,462	1,876,834	41,600	1,918,434
Totals ..... "	3,254,716	6,520,685	9,775,401	4,018,632	7,364,972	11,383,604
Mail carried (unit toll) ..... "	633,897	406,266	1,040,163	330,229	1,563,906	1,894,135

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

December 1969

Type of service:	Fixed-wing aircraft				Helicopters			
	Month		Year to date		Month		Year to date	
	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned	Revenue hours	Revenue earned
	No.	\$	No.	\$	No.	\$	No.	\$
Flying training .....	5,345	118,087	112,255	2,413,034	350	20,243	3,417	275,352
Recreational flying .....	686	21,094	16,717	420,262	64	7,051	913	88,047
Aerial photography and survey(1) ...	840	109,324	14,524	1,632,917	11	1,251	1,489	268,287
Aerial photography .....	17	1,407	2,841	120,701	9	1,270	64	7,081
Aerial inspection, reconnaissance and advertising(2) .....	638	45,786	23,769	2,124,489	582	132,267	13,371	1,974,127
Aerial application & distribution(3) ..	60	3,683	5,339	1,002,414	11	2,285	807	172,939
Aerial control .....	-	-	5,062	1,398,653	-	-	1,236	139,774
Aerial construction .....	-	-	-	-	3	663	28	5,792
Air ambulance and mercy services ...	-	-	45	4,717	1	221	25	2,358
Aircraft rental .....	848	16,848	21,520	412,073	-	-	405	27,251
Non-transportation charter .....	38	3,263	2,555	169,486	40	4,330	2,805	325,332
Totals .....	8,472	319,492	204,627	9,698,746	1,071	169,581	24,560	3,286,340

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

December 1969

	Carriers operating helicopters only		Carriers operating both helicopters and fixed-wing aircraft		Total	
	Month	Year to date	Month	Year to date	Month	Year to date
Carriers reporting .....	No. 22	...	8	...	30	...
Helicopters - Owned .....	" 291	234	31	35	322	269
Leased .....	" 10	27	7	4	17	31
Totals .....	" 301	261	38	39	339	300
Revenue hours flown - Unit toll .....	" -	-	-	-	-	-
Bulk .....	" 3,579	130,366	731	14,032	4,310	144,398
Specialty .....	" 881	16,191	190	8,369	1,071	24,560
Totals .....	" 4,460	146,557	921	22,401	5,381	168,958
Non-revenue hours flown .....	" 181	5,135	17	544	198	5,679
Fuel and oil consumed:						
Gasoline .....	gal. 96,861	2,976,005	6,328	412,064	103,189	3,388,069
Cost .....	\$ 42,983	1,482,190	3,070	176,280	46,053	1,658,470
Oil .....	gal. 976	41,409	148	5,129	1,124	46,538
Cost .....	\$ 1,916	89,548	247	19,897	2,163	109,445
Average number of employees:						
Pilots .....	No. 230	261	17	28	247	288
Administrative .....	" 100	123	1	1	101	124
Maintenance labour .....	" 229	253	11	19	240	273
Other personnel .....	" 14	27	-	-	14	27
Totals .....	" 573	664	29	48	602	712
Salaries and wages:						
Pilots .....	\$ 230,053	3,042,338	15,852	286,417	245,905	3,328,755
Administrative .....	\$ 92,903	1,118,636	600	7,871	93,503	1,126,507
Maintenance labour .....	\$ 180,573	2,170,642	6,214	134,868	186,787	2,305,510
Other personnel .....	\$ 6,489	168,633	-	1,896	6,489	170,529
Totals .....	\$ 510,018	6,500,249	22,666	431,052	532,684	6,931,301

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV

December 1969

	Current month	Year to date
	dollars	
Operating revenues:		
Unit toll transportation:		
Passengers .....	-	-
Express .....	-	-
Freight .....	-	-
Excess baggage .....	-	-
Mail .....	-	-
Total unit toll transportation .....	-	-
Bulk transportation .....	550,613	18,721,079
Total transportation .....	550,613	18,721,079
Other flying services .....	139,211	2,329,512
Total flying services .....	689,824	21,050,591
Non-flying services .....	34,421	575,638
Total operating revenues .....	724,245	21,626,229
Operating expenses:		
Flying operations .....	430,493	8,305,720
Maintenance .....	517,793	6,772,018
General service and administration .....	411,859	2,722,174
Depreciation and amortization .....	187,677	1,824,882
Total operating expenses .....	1,547,822	19,624,794
Operating income (deficit) .....	Dr. 823,577	2,001,435
Non-operating income:		
Capital gains and losses .....	48,656	6,943
Interest and discounts .....	3,844	22,684
Miscellaneous non-operating income .....	267	Dr. 8,533
Income before interest expense .....	Dr. 770,810	2,022,529
Interest expense .....	45,860	695,658
Income before income taxes .....	Dr. 816,670	1,326,871
Provision for income taxes .....	Cr. 88,480	303,642
Net income after income taxes .....	Dr. 728,190	1,023,229

TABLE 11. Operating Statistics, Canadian Group V Carriers

December 1969

	Quarter	Year to date
Reporting carriers .....	No. 304	...
Transportation:		
Hours flown .....	" 21,353	120,418
Passengers carried .....	" 39,427	231,361
Goods carried .....	lb. 3,696,724	22,176,644
Specialty flying services:		
Flying training .....	hr. 40,691	204,738
Recreational flying .....	" 5,966	32,179
Aerial photography and survey(1) .....	" 447	3,200
Aerial photography .....	" 29	206
Aerial inspection, reconnaissance and advertising(2) .....	" 2,409	14,792
Aerial application and distribution .....	" 35	7,693
Aerial control(3) .....	" 11	1,188
Aerial construction .....	" -	-
Air ambulance and mercy services .....	" -	35
Aircraft rental .....	" 5,921	30,184
Non-transportation charter .....	" 186	2,090
Totals .....	" 55,695	296,305
Total - All services:		
Revenue hours flown .....	No. 77,048	416,723
Non-revenue hours flown .....	" 3,170	16,461

(1) Includes geophysical survey.

(2) Includes aerial advertising.

(3) Includes aerial fish cultivation and aerial pest control.

CIVIL AVIATION DEFINITIONS

- Available seat-miles: Aircraft miles flown multiplied by the number of seats on the aircraft, representing the total passenger-carrying capacity offered.
- Available ton-miles: Aircraft miles flown multiplied by the weight capacity of the aircraft, representing the load-carrying capacity offered for passengers and goods.
- Bulk transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:
- Class 4 or 9-4, Charter licences: Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of all or part of the capacity of an aircraft.
- Class 5 or 9-5, Contract licences: Transportation not available to the public performed in accordance with one or more specific contracts.
- Cargo: Property carried on an aircraft other than mail, stores and baggage. Cargo comprises freight and express.
- Departures: Take-offs of revenue transportation flights (unit toll and charter and contract services only) including non-scheduled take-offs after operational stops.
- Division interline traffic: The number of passengers and pounds of goods transferred from one division of a carrier's system to another division of the same carrier's system.
- Domestic interline traffic: The number of passengers and pounds of goods transferred at Canadian points from one Canadian air carrier to another.
- Excess baggage: Baggage which in terms of weight, number of pieces or size exceeds the free baggage allowance stated in the air carrier's tariffs and for which a charge is levied according to the carrier's tariff.
- Express: Property receiving priority shipment within North America including door-to-door service on the ground. This service is performed at premium rates.
- Foreign interline traffic: The number of passengers and pounds of goods transferring to/from Foreign Air Carriers at Canadian points carried or to be carried over the Canadian carrier's mainline routes.
- Freight: Property carried on flights at published tariff rates per unit.
- Goods: Cargo, mail and excess baggage.

- Goods ton-miles: A ton-mile represents the carriage of one ton of goods for one mile. Ton-mileage is the sum of the number of aircraft miles flown with each ton of goods.
- Group I carriers: Canadian air carriers licenced to perform domestic and international scheduled services (Air Canada and CP Air).
- Group II carriers: Canadian air carriers other than Group I carriers licenced to perform domestic scheduled services. (Nordair Ltd. is considered to be in Group III for statistical purposes.
- Group III carriers: Canadian air carriers not included in Groups I and II with either annual unit toll and bulk transportation revenues of over \$500,000 or unit toll revenues of over \$150,000.
- Group IV carriers: As of January 1, 1969, Canadian air carriers not included in Groups I, II and III, with gross annual flying revenues of over \$150,000.
- Group V carriers: As of January 1, 1969, Canadian air carriers with gross annual flying revenues of less than \$150,000.
- Mainline service: A unit toll operation usually having a considerable degree of regularity and where in most cases only aircraft of over 18,000 lbs. authorized take-off weight are used and where the service is generally listed in a published timetable and performed according to a filed service pattern.
- Mile: Statue mile of 5,280 ft.
- Non-scheduled carrier: Any carrier having a Class 2, 9-2, 3 or 9-3 licence to perform regular or irregular unit toll service to specified points. Class 1 or Class 8 licencees are considered to be scheduled carriers.
- Pacific and Orient services: Services between Canada and points in the Pacific and Orient including Japan, China, Australia, New Zealand and Hawaii.
- Passenger load factor: Revenue passenger-miles expressed as a percentage of the available seat-miles, excluding those seats not available for the carriage of passengers because of the weight of fuel or other load.
- Passenger-miles: A passenger-mile represents the carriage of one passenger one mile. Passenger-mileage is obtained by adding together the number of miles each passenger is carried.
- Revenue passenger: Person receiving air transportation from carrier for which a fare is collected. Infants paying 10% of adult fare are not counted.
- Revenue passenger ton-mile: One ton of passenger weight transported one mile for which fare is collected. Passenger weight is 200 lbs. comprising the passenger and his free baggage allowance.

Scheduled carrier: Any airline having a Class 1 or Class 8 licence to perform scheduled unit toll operations. It should be noted that a scheduled carrier may also operate services under authority of Class 2, 9-2, or 3 or 9-3 licences which are considered to be non-scheduled. (see Unit toll transportation.)

Scheduled miles: This term relates to the number of miles scheduled as per time-tables but not necessarily actually flown on unit toll services.

Southern services: Services between Canada and Bermuda, the Caribbean, Mexico, Central and South American.

Specialty flying: Revenue flying services performed for special purposes other than the transportation of passengers and goods.

Ton: Short ton of 2,000 lbs.

Trans-Atlantic and Polar services: Services between Canada and Europe.

Transborder services: Services between Canada and the United States except Hawaii but including Alaska.

Unit toll transportation: Transportation performed under the following classes of licence as issued by the Air Transport Committee of the Canadian Transport Commission:

Class 1 or Class 8; Scheduled service licences:

Public transportation of persons and/or goods between designated points in accordance with a service schedule and at a price per passenger per mile or per pound per mile.

Class 2 or Class 9-2, Regular specific point licences:

Public transportation of persons and/or goods between designated points on a route pattern and with some degree of regularity, at a price per person per mile or per pound per mile.

Class 3 or Class 9-3, Irregular specific point licences:

Public transportation of persons and/or goods from a designated base serving a defined area or specific point or points at a price per person per mile or per pound per mile.

Weight load factor: Sum of revenue goods ton-miles and revenue passenger ton-miles as a proportion of available ton-miles.









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